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S. R. S.—Markets 30.

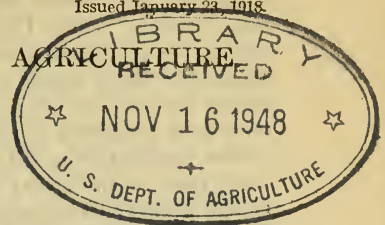
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Issued January 23, 1918.

11345 UNITED STATES DEPARTMENT OF AGRICULTURE

BUREAU OF MARKETS.

CHARLES J. BRAND, Chief.



## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 30.

### SUGGESTIONS FOR AN ACT PROVIDING FOR COOPERATIVE CREDIT ASSOCIATIONS OR CREDIT UNIONS.

The Department of Agriculture has received many requests from individuals and officials for assistance in the preparation of a suitable State law for cooperative credit associations or credit unions. In order to make its suggestions available in convenient form, the department has drawn a bill embodying the best views on the subject.

A copy of the draft and a copy of the letter with which it was transmitted to those who had requested aid are appended.

#### LETTER.

UNITED STATES DEPARTMENT OF AGRICULTURE,  
BUREAU OF MARKETS,  
Washington, D. C.

DEAR SIR: Receipt of your communication requesting the assistance of this bureau in formulating a suitable law for cooperative credit associations, or credit unions, in your State, has previously been acknowledged. A number of requests for similar assistance have been received from various parts of the country.

As stated in my earlier letter, the department has given attention to the preparation of a model act in order to render such assistance as you desire. This model form has now been completed, and is inclosed. In this model form the department has endeavored to embody the best views on the subject. It is submitted only as a tentative model, however, and not as one embodying final conclusions.

In providing suitable legislation for cooperative credit associations, or credit unions, it has been assumed that such an organization is essentially a voluntary association, controlled by its membership. However, it differs from other cooperative associations in that the commodity it deals with is credit and that the proper handling of credit involves questions that are not adequately dealt with under a general cooperative law. Again, while such an association deals primarily with matters of credit, it differs from the ordinary bank in that it extends credit facilities only to its members.

Some of the States (Massachusetts, New York, North Carolina, South Carolina, Oregon, Texas, Utah, and Wisconsin) have enacted special laws providing for the formation of cooperative credit associations, or credit unions. In most of these States the credit unions actually organized have been formed among factory and other workers in cities, and only a relatively small number have been organized in the rural districts.

The cooperative credit association law which is submitted herewith differs from most of the credit union laws which have already been enacted in the United States on two important points in particular.

First, it provides for the organization of cooperative credit associations without capital stock, as well as for the more familiar form with capital stock. In the form without capital stock it is intended to exemplify to the fullest extent the cooperative idea, and to avoid even the appearance or the possibility of profit making. The liability of the members of the nonstock association is made unlimited, thus providing a safeguard for the depositors and other creditors to take the place of the paid-up capital and stock liability of the association which has capital stock.

Second, it provides a special agency, in the form of a division of cooperative credit associations through educational activities, by direct as-credit associations in charge of a director, to promote the organization of sistance in organization, and otherwise. One State, North Carolina, has a credit union law embodying a like provision, and the results of the active encouragement which has been given in that State, particularly in the organization of credit unions in rural communities, have been very gratifying.

It is believed that the practical effect of the work of a cooperative credit association will be to accustom men who are not now making use of any banking facilities to the advantages of banking, rather than to withdraw business from existing commercial banks. As a matter of fact, the cooperative credit associations in North Carolina have established contract relations with nearby commercial banks, making direct use of them for both loan and deposit purposes.

Before the inclosed draft is taken up for enactment in any State it should be examined in the light of the constitution of that State and, if necessary, be changed so as to accord with the constitutional requirements.

Very truly yours,

CHARLES J. BRAND,  
*Chief of Bureau.*

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AN ACT To authorize the establishment of cooperative credit associations for the purpose of promoting thrift among their members, of providing the members with loans for productive or remedial purposes at reasonable rates of interest, of fostering the cooperative spirit, and for other purposes.

[Enacting clause.]

SECTION 1. In this act, unless the context otherwise requires, "association" means an association formed under this act, "stock association" means an association having capital stock, and "nonstock association" means an association not having capital stock. Words used import the singular or the plural as the case may demand.

SEC. 2. There shall be established in the [appropriate State agency] a division of cooperative credit associations. Such division shall be in charge of a director, who shall be appointed [as the laws of the State may require]. The Director of Cooperative Credit Associations shall receive an annual salary of \_\_\_\_\_, payable monthly, together with actual necessary traveling expenses. He shall serve for a term of \_\_\_\_\_ years, unless sooner removed for cause



by the governor. He is authorized to employ assistants, clerks, laborers, and such other employees as he may deem necessary. It shall be the duty of said director to organize and maintain the aforesaid division of cooperative credit associations; to disseminate information in regard to cooperative credit associations; to provide such printed information and such blank forms as he may consider necessary; to conduct an educational campaign throughout the State for the organization and promotion of cooperative credit associations; upon the written request of seven or more citizens resident in any one locality in this State, to advise and assist them in the organization of a cooperative credit association; at least once each year, and oftener if he deems it advisable, to make a thorough examination of each association, either in person or through an assistant; and to perform such other duties as may be required for the carrying out of the purposes of this act.

SEC. 3. Seven or more citizens resident in any one locality in this State may organize a cooperative credit association, with or without capital stock, by subscribing to articles of association, in duplicate, upon a form provided by the Director of Cooperative Credit Associations. Said articles of association shall be acknowledged by at least seven of the persons uniting to form the association, and shall state—

(1) The name of the association, which shall include the words "cooperative credit association";

(2) The purpose of the association;

(3) The principal place of business of the association, which shall be a place within this State;

(4) The term for which the association is to exist;

(5) Whether the association is to be a stock or a nonstock association;

(6) For a stock association, the par value of the shares, which shall not exceed \$25 each; or, for a nonstock association, the amount of the entrance fee, which shall be not less than \$1 per member;

(7) The full name and post-office address and the business or occupation of each of the subscribers, and also, for a stock association, the number of shares subscribed for by each;

(8) The names and addresses of the persons who are to act as directors until the first meeting of the association.

Hereafter, unless expressly authorized by law, no individual or partnership, nor any corporation or association formed in this State otherwise than as provided in this act, shall adopt or use the words "cooperative credit association," or any abbreviation or derivative thereof, as a part of the name or designation under which such individual, partnership, corporation, or association shall do business in this State.

SEC. 4. The persons uniting to form an association shall adopt, subscribe to, and submit to the Director of Cooperative Credit Associations, with the articles of association, a set of by-laws, in duplicate, upon a form approved by said director. Said by-laws shall be acknowledged by at least seven of the persons uniting to form the association, and shall state—

(1) The name of the association;

(2) The qualifications for membership; the conditions under which membership may be granted and terminated; and rules governing the exercise of the privileges of membership and the issue and cancellation of stock certificates or membership certificates;

(3) The date of the annual meeting, which must be in the month of January; the method of notifying members of meetings; the manner of conducting meetings; and the number of members which shall constitute a quorum;

(4) The number of directors, to be not less than five, their terms of office, the time and manner of their election, their powers and duties, and the number, not less than a majority, necessary to constitute a quorum of the board of directors;

(5) The officers to be elected by the board of directors, their terms of office, the time and manner of their election, and their powers and duties;

(6) The number of members on the credit committee, to be not less than three, their terms of office, the time and manner of their election, and their powers and duties;

(7) The number of members on the supervisory committee, to be not less than three, their terms of office, the time and manner of their election, and their powers and duties;

(8) For a stock association, the conditions upon which shares may be paid for and transferred;

(9) The conditions upon which deposits of money may be received and withdrawn and the conditions under which the association may borrow money;

(10) The manner of fixing and collecting fees, fines, and other charges to be paid by the members of the association;

(11) The manner in which the funds of the association may be employed or invested;

(12) The conditions upon which loans may be made to members and the manner in which such loans may be repaid;

(13) The maximum rate of interest which may be charged upon loans;

(14) The method of receipting for money received on account of shares, deposits, or loans;

(15) The manner in which the guaranty fund shall be accumulated, subject to the provisions of section 12;

(16) For a stock association, the manner in which dividends shall be determined and paid;

(17) The extent of the liability of each member for the debts and obligations of the association;

(18) Any other provisions proper and necessary to carry on the business of the association.

SEC. 5. Within 30 days after the articles of association and the by-laws, duly subscribed to and acknowledged, are received by the Director of Cooperative Credit Associations, he shall approve the same in writing if he is satisfied that they are in conformity with this act and that the conditions are favorable for the success of the association, and, retaining the original on file in his office, shall return the duplicate to the temporary board of directors, who shall within 10 days cause the same to be filed, together with the written approval of the director, in the office of the [proper county officer] in the county in which is located the principal place of business of the association. The association shall then have power to transact business, as authorized by this act.

SEC. 6. The by-laws of an association may be amended by a three-fourths vote of the members present at a meeting, not less than a quorum attending, the notice of which meeting shall have stated the substance of the proposed amendment and the intention to bring it up for consideration. Such amendment shall not become effective until it has been approved in writing by the Director of Cooperative Credit Associations and filed, together with the written approval of said director, in the office of the [proper county officer] in the county in which is located the principal place of business of the association.

SEC. 7. Within 30 days after the filing of the copy of the articles of association and by-laws in the office of the [proper county officer], as prescribed in section 5 of this act, a call, signed by not less than a majority of the temporary



directors shall be issued for a meeting of the members of the association. At such meeting, or an adjourned session thereof, the members shall elect from their number a board of directors, a credit committee, and a supervisory committee, who shall hold office until the next annual meeting and until their successors are elected and have qualified. At each annual meeting a board of directors, a credit committee, and a supervisory committee shall be similarly elected.

No director shall be a member of either the credit committee or the supervisory committee, nor shall the same person be a member of both committees.

Within 10 days after their election, the board of directors shall hold a meeting and elect from their own number a president, a vice president, a secretary, and a treasurer. The secretary and the treasurer may be the same person.

Directors, members of committees, and officers shall hold office until their successors are elected and have qualified.

Every director, committee member, and officer, when appointed or elected, shall take oath that he will support the constitution and laws of the State, and that he will, so far as the duty devolves upon him, diligently and honestly administer the affairs of the association. Such oath shall be subscribed to before an officer authorized by law to administer oaths, and shall be filed with the Director of Cooperative Credit Associations.

No director, committee member, or officer, except the secretary or secretary-treasurer, shall receive any salary or compensation for the performance of the duties of his office.

Sec. 8. Upon filing the articles of association and the by-laws, as prescribed in section 5 of this act, the association shall have power, within the limitations of this act—

- (1) To adopt and use a common seal and to alter it at pleasure;
- (2) To have succession for the term prescribed in its articles of association, unless sooner dissolved by operation of law or under the provisions of this act;
- (3) To make contracts necessary in the conduct of its business;
- (4) To purchase, lease, or receive by gift, bequest, or devise, and to hold, personal and real property necessary in the conduct of its business, and to dispose of the same;
- (5) To sue and be sued by the name specified in its articles of association, as fully as natural persons;
- (6) To issue certificates of membership, and, if the association has capital stock, to issue shares to persons qualified for membership and to receive payment therefor;
- (7) To receive money on deposit from members and other persons, and to pay interest on the same;
- (8) To borrow money;
- (9) To make loans to its members;
- (10) To deposit its funds in national banks in the State, or in State banks or trust companies organized under the laws of the State;
- (11) To invest such of its funds as may not be required for loans to members or for other immediate use, in bonds of Federal, State, local and municipal governments, in bonds issued under the Federal farm loan act, or in other securities approved by the Director of Cooperative Credit Associations;
- (12) To charge an entrance fee and, if the association has capital stock, to charge a reasonable fee for the transfer of shares;
- (13) To impose fines upon members for failure to meet promptly their financial obligations to the association;
- (14) To expel members, as provided in section 15;

(15) If the association has capital stock, to impress a lien upon the shares and dividends of any member to the extent of any loans made to him and for any fees, fines, or other charges payable by him;

(16) If the association has capital stock, to cancel the shares of any member who withdraws or is expelled, subject to the provisions of sections 15 and 16;

(17) To exercise such incidental powers as shall be necessary for the conduct of its business.

SEC. 9. Any loan in excess of \$50 made by the association to a member shall be secured. The indorsement of two solvent members may be accepted as security. If the association has capital stock, no member shall receive any loan without first pledging his stock to the association and transferring to it the certificate therefor.

SEC. 10. No officer, director, or committee member shall be permitted to borrow from the association, or to become surety for one borrowing from the association, except with the approval of a majority of the members present at a meeting, not less than a quorum attending, the notice of which meeting shall have stated that such loans or suretyships were to be considered.

Except in the exercise of the powers of the association to make deposits and investments as provided in subdivisions 10 and 11 of section 8, any officer, director, or committee member who knowingly permits a loan to be made to a nonmember shall be guilty of a misdemeanor, punishable as other misdemeanors in this State, and shall be personally liable to the association for the amount thus illegally loaned; but the illegality of the loan shall be no defense in an action by the association to recover from the borrower.

SEC. 11. No association shall pay any commission or compensation for securing members or for the sale of its stock.

SEC. 12. Every association shall create a guaranty fund, to be held as a reserve to meet contingencies and losses during the life of the association. All entrance fees, transfer fees, and fines, whether in a stock or a nonstock association, shall, after the payment of organization expenses, be added at once to the guaranty fund. In a nonstock association, all net earnings shall be set aside to the guaranty fund. In a stock association, at least 25 per cent of the net earnings shall be set aside to this fund at the close of each fiscal year until the fund shall equal the amount of outstanding capital stock.

Upon the recommendation of the board of directors, the members of the association, at the annual meeting, may increase or, if the guaranty fund equals or exceeds the amount of the outstanding capital stock, may decrease the proportion of net earnings to be thus set aside.

SEC. 13. A nonstock association shall not pay any dividends. A stock association may, at the end of any fiscal year, declare a dividend from the income remaining after the deduction of all expenses, losses, and interest paid or accrued, and the amount required to be set aside to the guaranty fund. Such dividend shall not exceed the rate of interest charged on the major part of the money lent during the year.

SEC. 14. If the association has no capital stock, each of its members shall be responsible severally or jointly with other members, for all contracts, debts, and engagements of the association existing at the time he became a member and created during his membership. In such cases any member who, voluntarily or otherwise, contributes more than his pro rata share to the payment of any debt or obligation of the association, shall have an action, several or joint as he may elect, against the other members for reimbursement to the extent of their respective pro rata shares of the excess, but, if the share of any member shall prove to be uncollectible, the remaining members shall be equally and ratably liable for the uncollectible amount.



In a stock association each member shall be liable for the debts and obligations of the association to the amount of his stock therein at the par value thereof, in addition to the amount invested in such stock, unless the by-laws provide for additional liability.

SEC. 15. Any member who has willfully failed to fulfill his financial obligations to the association, who willfully fails to comply with the by-laws, who willfully neglects to pay his debts, who becomes insolvent or bankrupt, or who is convicted of a criminal offense involving moral turpitude, may be expelled by the board of directors; upon the recommendation of two-thirds of the board of directors, any member who is habitually intemperate or immoral may be expelled by the members of the association at any meeting; but no member shall be expelled until he has been informed in writing of the charges against him and has had opportunity, after reasonable notice, to be heard thereon.

The amounts paid in on shares by members who have been expelled, less the amounts due from such members to the association, shall be paid to them, in the order of their expulsion, but only as funds become available therefor. Such expulsion shall not operate to relieve the expelled member from any existing liability to the association or to the creditors thereof.

SEC. 16. Any member of a nonstock association who is not indebted to the association may, subject to the continuance of his liability for any outstanding debt of the association, withdraw in the following manner: He shall give the board of directors written notice of his desire to withdraw. Within 15 days thereafter the board of directors shall consider his application, and if a majority of them shall approve the same, the member shall be notified in writing. The member shall then surrender his certificate of membership to the secretary or secretary-treasurer of the association, and shall not be liable for any debt or obligation thereafter incurred by the association.

SEC. 17. A member shall have only one vote and shall not vote by proxy.

SEC. 18. The fiscal year of all associations organized under this act shall close on the last business day in December.

SEC. 19. The annual meeting of the association shall be held in January as provided by the by-laws. Special meetings may be called by the board of directors upon their own initiative, and shall be called by them at the request of the supervisory committee, or upon the written petition of not less than 15 per cent of the members.

SEC. 20. The board of directors shall have general management of the affairs, funds, and records of the association.

Unless the by-laws shall expressly reserve any or all of the following duties to the membership of the association, it shall be the special duty of the board of directors—

- (1) To act upon applications for membership;
- (2) To fix the salary or compensation of the secretary or secretary-treasurer;
- (3) To fix the amount of the surety bond of each officer having responsibility for the custody of funds or property;
- (4) To fix the maximum amount which may be lent to any one member;
- (5) To determine from time to time the rate of interest, not to exceed the legal rate, which shall be charged on loans and the rate which shall be paid on deposits;
- (6) In a stock association, to fix the maximum number of shares which may be held by any one member;
- (7) To direct the employment or investment of the funds of the association, other than those lent to members;

(8) In a stock association, to make recommendation to the members of the association relative to the advisability of declaring a dividend and the amount to be declared, subject to the limitations of section 13;

(9) To make recommendation to the membership of the association relative to the need of amendments to the by-laws;

(10) To fill any vacancies in offices, in the credit committee, or in their own number;

(11) To perform such other duties as the membership may from time to time authorize.

If at any time the board of directors shall deem any loan unsafe, they may require additional security; and if such additional security is not furnished, they may declare the loan due and take action to collect it.

SEC. 21. The credit committee shall meet as often as necessary, to pass upon applications for loans. Such applications shall be in writing, upon a form approved by the Director of Cooperative Credit Associations, and shall state the purpose for which the loan is desired and the security offered. No loan shall be made unless the application shall have been considered at a meeting of not less than a majority of the committee and shall have received the unanimous approval of the members present, except that an applicant may appeal from the decision of the committee to the board of directors.

SEC. 22. The supervisory committee shall inspect the securities, cash, accounts, and loans of the association from time to time, at least once in every three months, and supervise the acts of its officers, directors, and credit committee. At the close of each year they shall audit the books and records of the association and make a full report upon its affairs for the year to the board of directors, which report shall be read at the annual meeting of the association, and then filed with the Director of Cooperative Credit Associations. This committee shall have power, by unanimous vote of the entire committee at a meeting called for that purpose, to suspend any officer, any or all of the directors, or any or all of the members of the credit committee; or, by majority vote, to call a meeting of the association to consider any violations of the by-laws or any practices of which they do not approve. Within seven days after the suspension of any officer, director, or member of the credit committee, the supervisory committee shall lay the matter before a special meeting of the association for such action as it may decide upon. In case of a suspension, whenever the supervisory committee deems necessary, they or one or more of their members designated by them, shall exercise the authority and perform the duties of the person or persons suspended until the association acts thereon.

The supervisory committee shall fill vacancies in their own number.

SEC. 23. Associations formed under this act shall be deemed institutions for savings and all capital stock issued by such associations, and all property of such associations, except real estate, shall be exempt from State and local taxation.

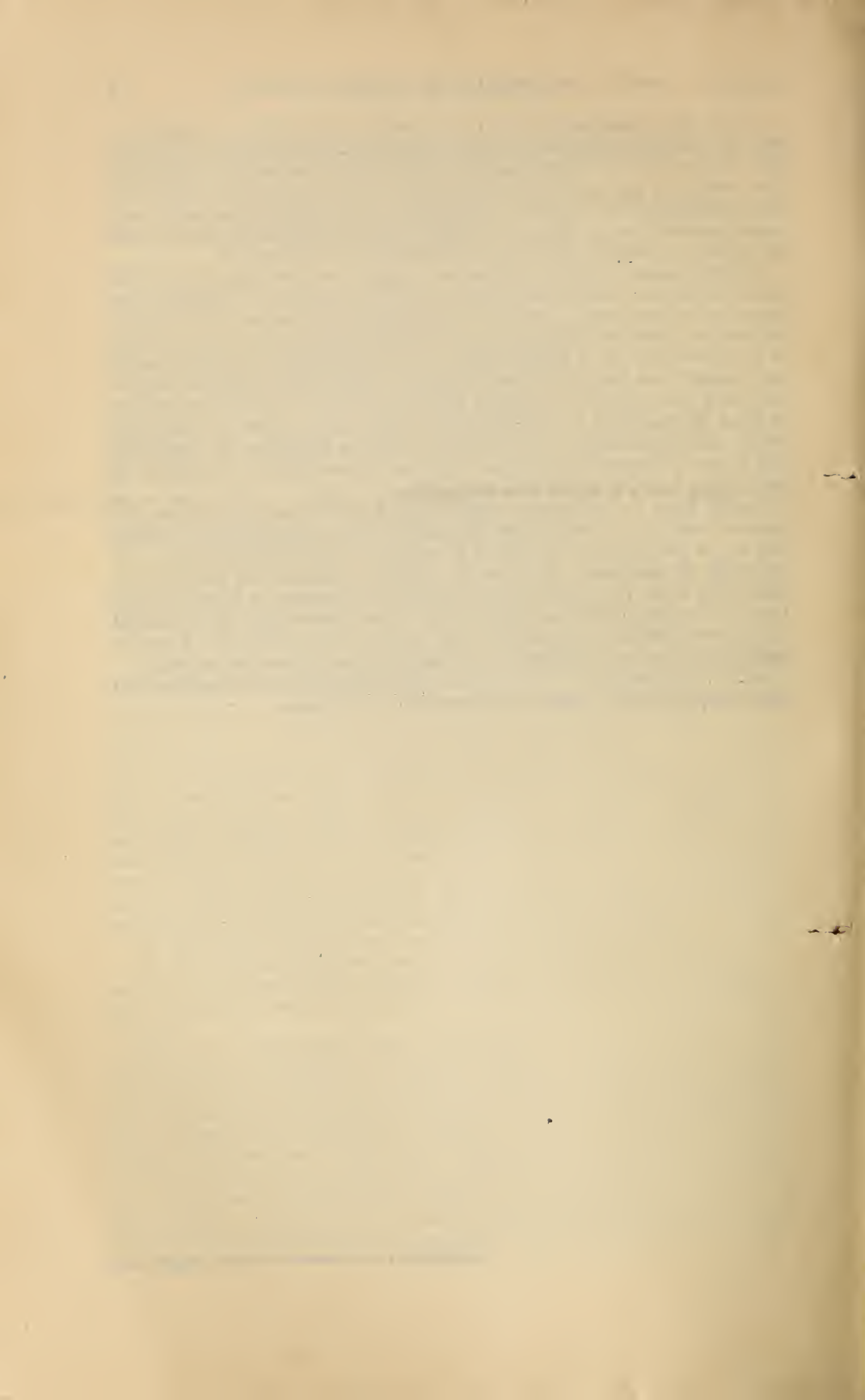
SEC. 24. On or before the 1st day of February in each year every association shall file with the Director of Cooperative Credit Associations, upon a form provided by him, a detailed report of its condition at the close of the last fiscal year, attested under oath by the president, the secretary, or secretary-treasurer, and a majority of the supervisory committee, and such other reports as said director may from time to time require. For failure to make the annual report to the satisfaction of the Director of Cooperative Credit Associations and file the same within the time limit fixed by this act, an association shall pay to the State treasurer five dollars (\$5) for each day such failure shall continue, unless the Director of Cooperative Credit Associations shall extend the time for filing such report.

SEC. 25. Each association and all of its officers and agents are required to give the Director of Cooperative Credit Associations, or examiners appointed by him, free access to all books, papers, securities, and other sources of information relative to said association under their control, and for the purpose of said examination the Director of Cooperative Credit Associations shall have power, personally or by deputy, to subpoena witnesses, administer oaths, compel the giving of testimony, and require the submission of documents.

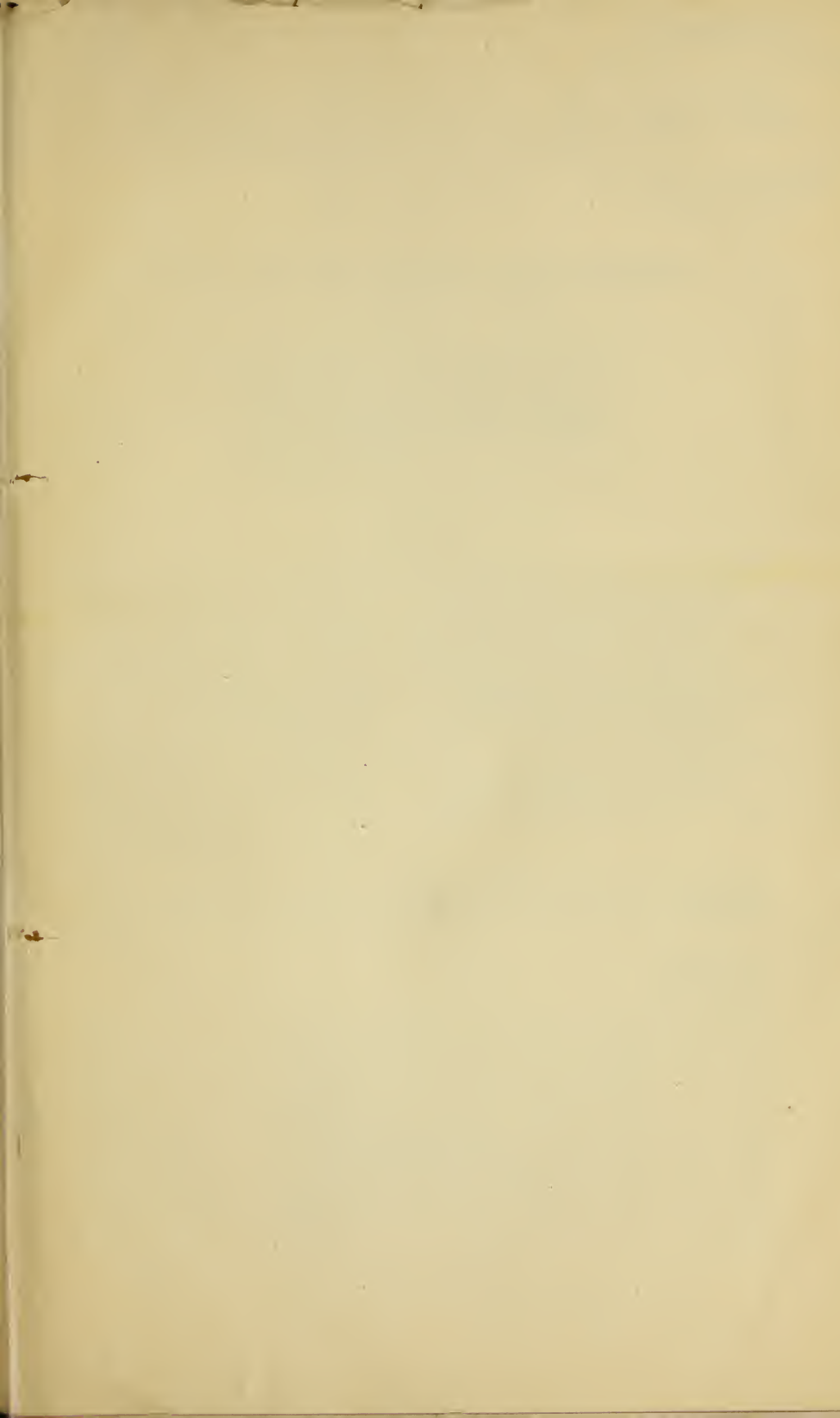
If it shall appear from any examination or report, or otherwise, that an association is insolvent, that it has violated any of the provisions of this act or any other law of the State, or that it is conducting its business in an unsafe manner, the Director of Cooperative Credit Associations may, after a hearing or an opportunity for a hearing given to said association, take possession of the property and business of such association and retain possession thereof until such time as he may determine either to permit it to resume business or to order its dissolution in conformity with law. The Director of Cooperative Credit Associations may, in his discretion, order the association to discontinue any illegal or unsafe practices and grant such association not to exceed 60 days within which to comply with such order.

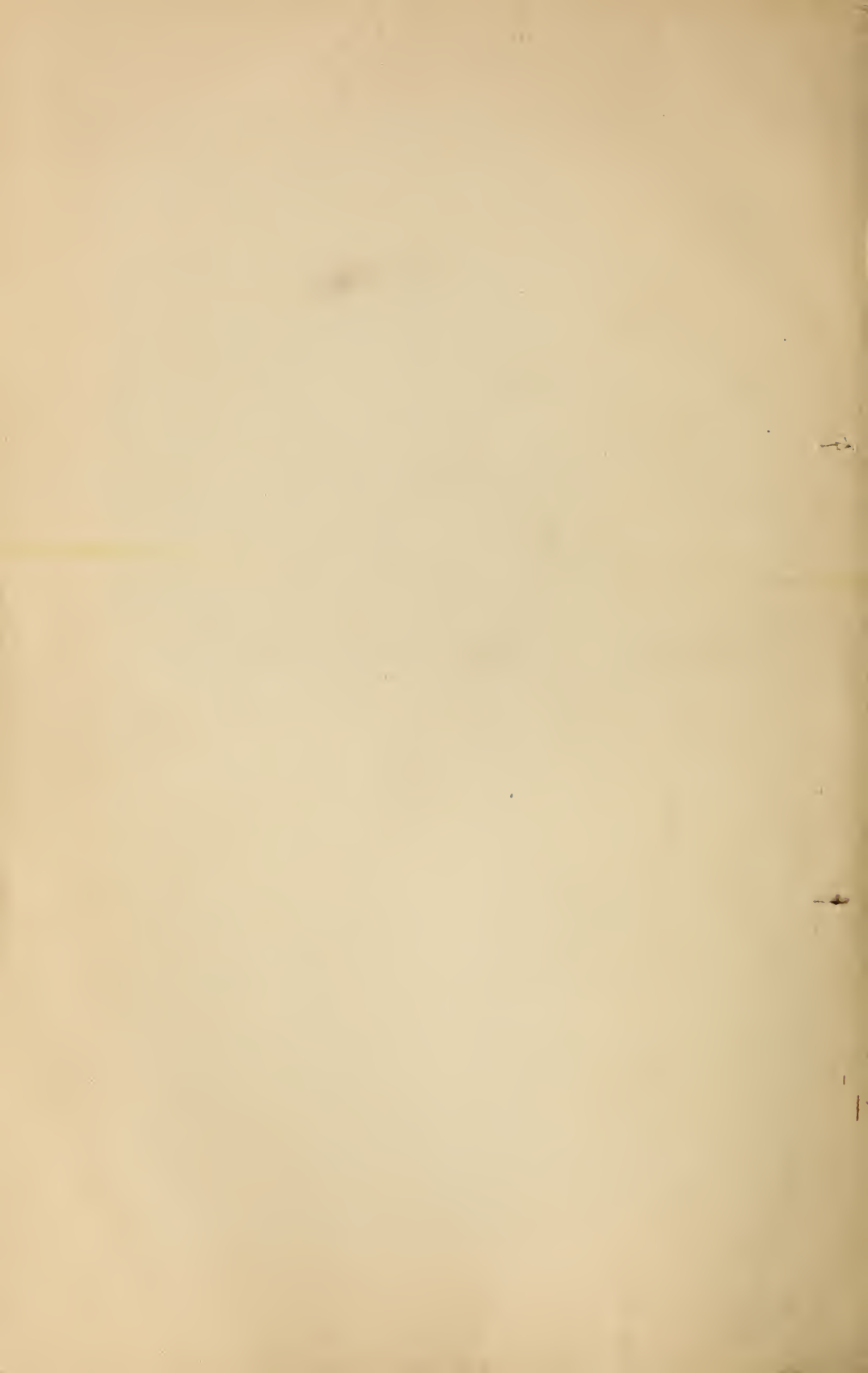
SEC. 26. Upon the unanimous recommendation of the board of directors, the members may, at a meeting especially called for the purpose, order a dissolution of the association, by a vote of two-thirds of the entire membership. A committee of three shall thereupon be elected to liquidate the assets of the association under the direction of the Director of Cooperative Credit Associations. If an association has capital stock, its net assets shall be distributed to the stockholders in proportion to the amount of stock held; if it has no capital stock, the net assets shall be distributed equally among the members.

SEC. 27. The sum of ————, or so much thereof as may be necessary, is hereby appropriated, to carry out the provisions of this act.





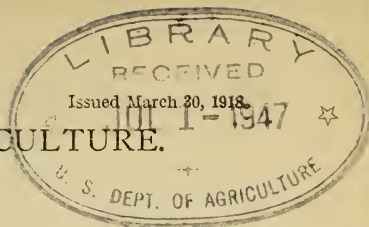




# U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF MARKETS.

CHARLES J. BRAND, Chief.



## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 31.

This Announcement contains a list of all persons licensed by the Secretary of Agriculture, under the provisions of the United States grain standards act, to inspect and grade shelled corn and wheat, together with a list of all places designated as inspection points, and supersedes Service and Regulatory Announcements No. 25.

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TABLE 1.—List of inspectors who held licenses on March 11, 1918, which were issued by the Secretary of Agriculture, to inspect and grade shelled corn and wheat, or either shelled corn or wheat, and to certificate the grade thereof.

Name.	Address.	District No.	License No.
Aabel, Hans.....	236 Atlas Building, 38 West Second Street South, Salt Lake City, Utah.	32	637
Addison, Alex.....	Elevator Office, Main and Kiowa Streets, Leavenworth, Kans.	24	385
Alleman, Russell F.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	595
Anderson, Alfred.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	382
Andrews, David R.....	136 Second Street, Superior, Nebr.....	19	562
Arrance, Augustus.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	347
Asbury, Herndon M.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	680
**Atkinson, Alfred.....	204 Agricultural Building, 401 South Grand Avenue, Bozeman, Mont.	33	687
Auerbach, Charles F.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	567

\*\* License for wheat only.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
† Bailey, Edward W.....	Chicago, Ill.....	20	414
Bail, J. Edgar.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	544
Baxter, Samuel E.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	492
Beckenhaupt, John C.....	do.....	21	524
Benedict, Orville W.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	375
Bennett, George Grant.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	631
Bensing, August William.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	445
Berry, Benjamin S.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	364
Betton, Ernest L.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	472
* Binkley, Wendell H.....	401 Commercial Club Building, 311 Fourth Avenue, Nashville, Tenn.	9	254
Bittrick, George L.....	400 Chamber of Commerce Building, Post Office Avenue, and Water Street, Baltimore, Md.	6	5-6
Djorge, Hans P.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	389
Bogard, Benjamin F.....	223½ New England Building, Fifth Street and Kansas Avenue, Topeka, Kans.	24	351
Boger, John W.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	675
* Bonds, Jacob R.....	1222 National Bank of Commerce Building, Main and Atlantic Streets, Norfolk, Va.	6	272
* Booker, Yelverton Evans..	Third floor Columbian Building, Thirteenth and Carey Streets, Richmond, Va.	6	296
Boyce, Arthur.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	342
Bradbury, Frank W.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	474
Breed, Allen A.....	201 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	361
Brown, Baldwin.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	506
Brown, Thomas J.....	300 Zenith Building, Fourth and Robert Streets, St. Paul, Minn.	18	634
Brundage, Homer J.....	2105 Second National Bank Building, Toledo, Ohio.....	13	552
Bunker, Henry Chase.....	1035 Merchants Exchange Building, 465 California Street, San Francisco, Cal.	36	455
Burke, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	423
Burke, Thomas J.....	do.....	20	620
Butler, Richard W.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	479
Caley, Harry.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minnesota, Minn.	13	615
Callahan, A. K.....	Room 5, Peerless Drug Store Building, 126½ North Independent Street, Enid, Okla.	29	663
Carlson, Magnus T.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	505
Carr, Frank C.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	443
Cassidy, George J.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	421
Caswell, William R.....	Inspection Office, Listman Mills, Front and King Streets, La Crosse, Wis.	18	497
Catlin, Seth.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	365
Cavanagh, John M.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	555
Chess, John P.....	Laboratory, Bowersock Mills & Power Co., 546 Massachusetts Street, Lawrence, Kans.	24	385
Christiansen, Arthur C.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	673
*Clancy, John Emmett.....	Board of Trade, Hastings Building, 915 Ohio Street, Cairo, Ill.	23	683
†*Clark, Harry Robt.....	Omaha, Nebr.....	19	321
Clark, J. Martin.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	482
Clark, Willard B.....	14 Stewart Building, 202 South Washington Street, Wellington, Kans.	30	466
*Clawson, Charles.....	Cleveland Grain Co., Fourth Street, Shelton, Ill.....	20	244
Cleary, Richard J.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	638
Clifford, Thomas E.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	693

\* License for shelled corn only.

† License suspended by request of licensee.

‡ License suspended by order of the Secretary of Agriculture.



TABLE 1.—*List of inspectors, etc.—Continued.*

Name.	Address.	District No.	License No.
†Cofer, Wesley Randolph...	Newport News, Va. ....	6	547
Coffman, Orville W. ....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	643
Colby, George Samuel. ....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	437
†Collins, George A. ....	Marshall, Minn. ....	18	652
Connelly, Charlie M. ....	18 Nessmith Building, 118 West Iron Street, Salina, Kans.	24	392
Connelly, Milton E. ....	715 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	664
Connors, Patrick D. ....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	387
Cooke, Robert Otto. ....	Board of Trade Building, 428 Commercial Street, Atchison, Kans.	24	429
Coombes, John B. ....	313 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	406
Cooper, Charles T. ....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	639
Cooper, Charles W. ....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	344
Corson, Asa Cole. ....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	684
Costello, Edward J. ....	517 Webster Building, 327 South La Salle Street, Chicago, Ill.	20	417
Croke, Frank. ....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	423
Crowe, Luke D. ....	500 Columbian Building, 105 Howard Street, Spokane, Wash.	33	520
*Culp, Charles. ....	719 Wabash Building, Liberty Avenue, Pittsburgh, Pa. ....	5	271
Culp, Mather C. ....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	476
Culver, Edward B. ....	2105 Second National Bank Building, Toledo, Ohio. ....	13	345
Culver, Edward Hall. ....	do. ....	13	343
Cunningham, James. ....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	514
Cunningham, Patrick R. ....	do. ....	34	681
Dahlquist, Harry Arthur. ....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	611
Dalrymple, Oliver C. ....	do. ....	18	633
*Daniel, Dan. ....	3-4 Skillern Building, Second and Scott Streets, Little Rock, Ark.	25	146
†Daus, Ray C. ....	Indianapolis, Ind. ....	12	614
*Davis, Walter R. ....	Room 10, Trust Co. of Georgia Building, Atlanta, Ga. ....	8	326
*De Fraites, Arthur E. ....	Grain Inspection Department, Board of Trade Building, New Orleans, La.	26	232
Deussing, Berthold, jr. ....	Kansas City, Mo. ....	24	694
Diehl, Peter A. ....	735 O Street, Lincoln, Nebr. ....	19	622
Di Marco, Fred B. ....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	501
Dorsey, Lloyd. ....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	371
Downing, Alexander. ....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	487
Downing, Joseph A. ....	do. ....	3	548
*Drysdale, David L. ....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	17
Duddey, Andrew J. ....	77 Mitchell Building, 9 West Fourth Street, Cincinnati, Ohio.	11	553
Dunmire, Albert A. ....	415 Sedgwick Building, Market and First Streets, Wichita, Kans.	30	386
Dunn, Pines Ragsdale. ....	1401 Corby-Forsce Building, Fifth and Felix Streets, St. Joseph, Mo.	24	470
Duval, Neville W., jr. ....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	404
Earl, Clifford P. ....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	502
Edmiston, John D. ....	126 Merchants' Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	672
Edwards, Hugh J. ....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	504
Einbart, Harry D. ....	2105 Second National Bank Building, Toledo, Ohio. ....	13	397
†Ekman, Carl Edwin. ....	Omaha, Nebr. ....	19	569
†Elam, Herman Palis. ....	Henderson, Ky. ....	10	573
Elder, Charles A. ....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	535
*Elinger, Elias Henry. ....	Standard Elevator, Indiana Harbor Tracks, Hammond, Ind.	20	322
†Elliott, John O. ....	St. Louis, Mo. ....	22	449
Engelhorn, Wm. Louis. ....	Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	626
Enos, Marcus T. ....	Enos Building, 531 State Street, New Albany, Ind. ....	10	542

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TABLE 1.—*List of inspectors, etc.*—Continued.

Name.	Address.	Dis- trict No.	Li- cense No.
Erickson, Emil.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	607
Erskine, John R.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	571
Ettelson, John.....	.....do.....	20	646
Evenson, Arthur F.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	360
Fears, Magruder C.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	483
Fears, Samuel P.....	.....do.....	24	492
†Fisher, John E.....	Seattle, Wash.....	34	677
Foering, John Oppell.....	587 Bourse Building, Fifth and Ludlow Streets, Philadel- phia, Pa.	3	485
Forrestal, James.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	539
Forrestal, Robert M.....	.....do.....	16	593
Foss, Ludvig.....	206 Flour Exchange Building, Third Street, and Fourth Avenue South, Minneapolis, Minn.	18	608
Foster, Herbert D.....	601 Chamber of Commerce Building, State and Griswold Streets, Detroit, Mich.	15	555
Fox, Herbert.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	348
Freeman, William T.....	Office Building, 1525 Maple Avenue, Terre Haute, Ind.....	12	598
French, Luther E.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	666
Gardner, Alexander Blair.....	Room 1, Calhoun and South Front Streets, Memphis, Tenn.	25	353
Gardner, Edwin R.....	.....do.....	25	399
Garnett, Arthur L.....	77 Mitchell Building, 9 West Fourth Street, Cincinnati, Ohio.	11	452
Garnett, Howard C.....	.....do.....	11	441
Gartin, Linzy E.....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	630
Gates, J. Nelson.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	369
†Gebhard, Frank.....	Milwaukee, Wis.....	16	525
Geehan, Jerry Joseph.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	519
Getzien, Charles.....	Office, Armour Elevator A and B, Hooker and Rees Streets, Chicago, Ill.	20	419
Gibbs, Richard.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	580
Gilbert, Ralph West.....	411 West Eureka Street, Champaign, Ill.	21	651
†Gilmartin, James J.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	444
Gimpel, John C.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	372
Gliss, William F.....	.....do.....	6	543
Gordon, Arnolphus R.....	Mill Office, 116 Seventh Avenue North, St. Cloud, Minn....	18	603
†Gray, Frank R.....	Mankato, Minn.....	18	659
Gray, Russell W.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	503
Green, Joseph G., jr.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	424
Greer, Benjamin Oty.....	401 Commercial Club Building, 311 Fourth Avenue North, Nashville, Tenn.	9	454
Grendahl, Olaf.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	637
Grimes, John George.....	1 Fruit Auction Building, 615 Stones Levee, Cleveland, Ohio.	14	540
Grischy, John.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	376
Grubb, Orin A.....	Room 9, Old Post Office Building, Eighth Street and Ohio Avenue, Wichita Falls, Tex.	28	528
Guinane, Edward J.....	214 Iowa State Bank Building, Third and Jefferson Streets, Burlington, Iowa.	21	559
Gustafson, Frank A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	621
Hagler, Lewis.....	727 Board of Trade Building, 303 West First Street, Du- luth, Minn.	17	509
Hall, Warren B.....	2105 Second National Bank Building, Toledo, Ohio.....	13	585
Hallam, James A.....	Office, Henderson Elevator Company, East Second Street, Henderson, Ky.	10	647
Hammer, Frederick C.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	362
†Hamp, Charles H.....	St. Paul, Minn.....	18	606
†Hanson, Francis Louis.....	Duluth, Minn.....	17	604
Haugen, Magnus B.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	619
Hawn, Arthur E.....	717 Insurance Exchange Building, 175 West Jackson Boule- vard, Chicago, Ill.	20	469

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TABLE 1.—*List of inspectors, etc.*—Continued.

Name.	Address.	District No.	License No.
Healy, John J.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	610
Heathfield, Thomas.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	363
Hehman, L. H.....	Office, The Mansfield Elevator Company, North Main Street and Pennsylvania Railroad, Mansfield, Ohio.	14	644
Helms, Thomas A.....	Basement, Goodrich Bros. Elevator, North Main Street, Winchester, Ind.	12	586
Helwick, Joseph Leonard...	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	436
†Hendricks, Riley C.....	Duluth, Minn.	17	618
Hepiken, John E.....	1 Fruit Auction Building, 615 Stones Levee, Cleveland, Ohio.	14	484
Hillis, John.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	393
Hine, Lewis C.....	800 Cooper Building, 1009 Seventeenth Street, Denver, Colo.	31	583
Holder, Samuel A.....	720 Board of Trade Building, Meridian and Ohio Streets, Indianapolis, Ind.	12	388
†Hopwood, Howard H.....	Pittsburgh, Pa.	5	430
Houscal, Miles B.....	Room 1, Calhoun and South Front Streets, Memphis, Tenn.	25	537
Hull, Irving T.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	545
Hunt, William A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	649
Hutchinson, Harris W.....	622 Rorabaugh-Wiley Building, Hutchinson, Kans.	30	355
Hyman, Frank V.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	676
Ingersoll, John F.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	391
Irgens, Ingolf W.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	648
Irving, Lee Daily.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	407
Jahn, Robert A.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	623
**Jahnke, Emil W.....	Montana Grain Inspection Laboratory, Bozeman, Mont.	33	688
†Jamieson, William Cyril..	Baltimore, Md.	6	143
*Jenkins, Charles F.....	411 City National Bank Building, Paducah, Ky.	23	682
Joerger, Emil J.....	800 Cooper Building, 1009 Seventeenth Street, Denver, Colo.	31	395
Johnson, Arvid D.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	612
Johnson, Edward.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	496
Johnson, Edward G.....	do.	18	636
Johnson, Jalmer O.....	do.	18	575
Johnson, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	413
Johnson, Ole C.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	505
Jordan, M. I.....	613 Grain Exchange Building, Grand and Harvey Streets, Oklahoma City, Okla.	29	669
†Kammerer, Phil. C.....	Milwaukee, Wis.	16	534
Keefe, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	439
Keiser, Peter.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	436
Kennedy, Edwin F.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	551
Kernan, Eugene E.....	312 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	409
Kernan, James E.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	457
Kerner, Jacob V.....	14 Cotton Exchange Building, 2102 Avenue C, Galveston, Tex.	27	530
Kneeland, Guy B.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	678
Knight, William.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	403
Kolb, Charles W.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	550
Kraus, John Emil.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	440
Lacher, Arthur J.....	Inspection Office, Laboratory Everett-Aughenbaugh Mill Company, Waseca, Minn.	18	660
Ladd, Edwin Fremont.....	Room 21, Chemistry Building Agricultural College, Fargo, N. Dak.	18	632

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‡ License suspended by order of the Secretary of Agriculture.



TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	Dis- trict No.	Li- cense No.
Lambe, William J.....	Allin Building, 1218 South Maple Street, Coffeyville, Kans..	30	464
Larkin, David H.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	368
Larson, Ole A.....	Office Marshall Milling Co., 112 West Sixth Street, Marshall, Minn.	18	513
Larson, Paul N.....	604 Davidson Building, Sixth and Pierce Streets, Sioux City, Iowa.	19	587
LaSelle, Daniel G.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	674
†Laux, Philip.....	St. Louis, Mo.	22	377
Le Moignan, Joseph.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	499
Lenock, Joseph Jerome.....	4326 Washington Boulevard, Chicago, Ill.	20	415
Le Suer, Ralph V.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	581
†*Lias, Charles F.....	Elmhurst, Ill.	16	634
Littler, I. R.....	Office, Missouri Valley Elevator, Ninth Street, Missouri Valley, Iowa.	19	605
*Loefke, Herman.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	335
Loos, Fred L.....	Office, Morten Mill Building, 914 Cadiz Street, Dallas, Tex.	23	481
Lorimer, John M.....	Calumet Elevator Office, One hundred and second Street and Calumet River, Chicago, Ill.	20	426
**Lucy, James W.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	656
Lynn, John.....	587 Bourse Building, Fifth and Ludlow Streets, Phila- delphia, Pa.	3	486
Lynn, William F.....	do.	3	549
Lyons, William Merton.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	379
*Mack, John.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	337
*Mallaney, J. F.....	Bartlett Frazier Co., Entrance Avenue, Kankakee, Ill.	20	270
†*Martin, Robert H.....	Sioux City, Iowa	19	305
Matland, John N.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	374
Matthews, F. A.....	Office, Scott County Milling Co., Sikeston, Mo.	23	686
Maxfield, Charles F.....	300 Zenith Building, Fourth and Robert Streets, St. Paul, Minn.	18	498
McAyeal, Roy A.....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	645
*McCarthy, Eugene, jr.....	717 Insurance Exchange Building, 175 West Jackson Bou- levard, Chicago, Ill.	20	511
McCarthy, Luke J.....	South Bend Elevator Co. Building, Sample and Walnut Streets, South Bend, Ind.	20	554
*McCrea, John C.....	Office, Clinton Sugar Refining Co., Clinton, Iowa.	20	605
McDermott, John T.....	717 Insurance Exchange Building, 175 West Jackson Bou- levard, Chicago, Ill.	20	413
McEachron, Daniel R.....	302 Association of Commerce Building, 35-37 Pearl Street, Grand Rapids, Mich.	15	692
McGovern, James A.....	Mill Building, Agricultural College, Fargo, N. Dak.	18	629
McGowan, Ross James.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	558
McKinnon, Edward.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	456
McKinstrie, Robt. M.....	Office Allen & Wheeler Milling Co., Market Square, Troy, Ohio.	11	641
McKnight, Joseph Ray.....	318 Merchants & Planters Bank Building, 202 North Travis Street, Sherman, Tex.	28	374
McLaughlin, Frank.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	613
McMillan, Archibald.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	410
McNamara, John E.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	577
McVeigh, Patherick H.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	473
Meehan, Harvey C.....	32 Chamber of Commerce Building, 330 South Washing- ton Street, Peoria, Ill.	21	523
*Miller, Walter D.....	do.	21	13
Milligan, Theodore Watson.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	394
Miner, Thomas M.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	370
Mitchell, Fred W.....	Commercial Club Room, Masonic Temple Building, 113 East Fifth Street, Fremont, Nebr.	19	570

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TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Moran, Edward E.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	427
Morris, George Courson.....	717 Wabash Building, Liberty Avenue, Pittsburgh, Pa....	5	691
Mossberg, Samuel H.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	616
Munson, George Francis.....	77 Mitchell Building, 9 West Fourth Street, Cincinnati, Ohio.	11	425
Nelson, Louis M.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	510
Noble, James A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	566
Nolan, William.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	662
Nye, Ray J.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	455
O'Conner, Otis E.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	478
O'Hara, John.....	77 Mitchell Building, 9 West Fourth Street, Cincinnati, Ohio.	11	560
Oliver, Harry E.....	109 South Valley Street, New Ulm, Minn.....	18	590
Oppelt, Frank K.....	Office, second floor, Elevator E, Sleepy Eye, Minn.....	18	658
Owens, John.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	390
Page, Edwin H.....	312 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	411
Parish, Charles E.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	576
Pease, Charles M.....	415 Sedgwick Building, Market and First Streets, Wichita, Kans.	30	357
†Peterson, Peter K.....	Seattle, Wash.....	34	679
Petty, John William.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	400
Pillow, Frank E.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	518
*Poisel, Charles O.....	720 Board of Trade Building, 143 Meridian Street, Indianapolis, Ind.	12	323
Porter, Charles E.....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	531
Post, Anson C.....	Office, Alexander Elevator, Winfield, Kans.....	30	522
Powell, George Bertram.....	826 Omaha Grain Exchange Building, Nineteenth and Harvey Streets, Omaha, Nebr.	19	459
Powell, William Smith.....	Hastings Building, Board of Trade, 915 Ohio Street, Cairo, Ill.	23	592
Raichart, Edward.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	412
Raker, Charles Frederick...	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	565
Ramsey, George W., Jr.....	Cedar Rapids Grain Co., Cedar Rapids, Iowa.....	20	653
Rasmussen, Rasmus J.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	598
Ratza, John F.....	715 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	673
Reavis, Frank.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	477
Recker, William W.....	601 Chamber of Commerce Building, State and Griswold Streets, Detroit, Mich.	15	375
Rehnke, E. R.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	358
*Remington, Floyd R.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	600
Rice, J. Walter.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	527
Richards, William Thomas.	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	670
Riley, Eugene L.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	491
Risser, Harry E.....	J. Rosenbaum Elevator, One hundred and second Street and Calumet River, South Chicago, Ill.	20	416
Roberts, Clarence.....	Abilene, Kans.....	24	461
Roberts, John Thomas.....	401 Commercial Club Building, 311 Fourth Avenue North, Nashville, Tenn.	9	442
Robinson, Clarence W.....	14 Cotton Exchange Building, 2102 Avenue C, Galveston, Tex.	27	561
Robinson, James Edwin....	Grain and Cotton Exchange, Bewley Building, 212 West Seventh Street, Fort Worth, Tex.	28	432
Ross, George B.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	699
Rowe, Van Rensselaer.....	4 Merchants Elevator Building, 1802 Rockingham Road, Davenport, Iowa.	21	401

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† License suspended by request of licensee.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Ruger, Edward I.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	526
Ryan, David Joseph.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	536
Sartison, Franz.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	467
Scanlan, J. Paul.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	556
Schall, William.....	Sample Room, South Chicago Elevator Office, Ninety-third Street and Harbor Avenue, Chicago, Ill.	20	420
Scheer, Henry Michael.....	Chief Grain Inspector's Office, C. & O. Elevator "B," Newport News, Va.	6	438
Schmidt, Walter E.....	719 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	532
Schreiber, Herman J.....	Second floor, Board of Trade Building, Fifth and Commercial Streets, Atchison, Kans.	24	380
*Scott, Harry E.....	Sioux City, Iowa.....	19	655
Seinsoth, Henry Jacob.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	350
Selvig, Victor H.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	597
*Server, Clarence E.....	Office Henderson Elevator Co., East Second Street, Henderson, Ky.	10	277
*Shanahan, Michael.....	Board of Trade Building, 915 Ohio Street, Cairo, Ill.....	23	39
Shanahan, Paul S.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	383
Shannon, Alexander Reid..	511 Commerce Building, High and Spring Streets, Columbus, Ohio.	11	451
Shelley, Clarence W.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	635
Shepard, Celsus.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	480
Sherman, Darwin D.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	512
Shull, Charles W.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	627
*Silbernagel, William H....	200 West Main Street, Louisville, Ky.....	10	259
Silcox, Chester.....	560 I. W. Hellman Building, 411 South Main Street, Los Angeles, Cal.	36	493
Sims, John.....	314 Lincoln Avenue, Clay Center, Kans.....	24	642
*Slaughter, Irving Ray....	21 Board of Trade Building, Third and Main Streets, Louisville, Ky.	10	37
Slingerland, Alfred.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	624
Slingerland, Alfred G.....	do.....	2	341
Smith, Alton C.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	591
Smith, James Edward.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	349
Smith, Samuel H.....	719 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	650
Spera, William A.....	2105 Second National Bank Building, Toledo, Ohio.....	13	396
Spotz, Frank J.....	Irondale Elevator "A," One hundred and seventh Street and Muskegon Avenue, Chicago, Ill.	20	463
Stevens, Thomas A.....	500 Columbian Building, 105 Howard Street, Spokane, Wash.	33	599
Stratton, Albert Franklin..	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	490
Sullivan, James Joseph.....	1035 Merchants' Exchange, 465 California Street, San Francisco, Cal.	36	689
Sullivan, John F.....	Office Sparks Milling Co., Broadway and Williams Street, Alton, Ill.	22	356
Swanstrom, Charles W.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	500
Sweeney, Frank Joseph....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	352
Sweeney, Patrick J.....	603 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	601
Sweeney, Thomas F.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	602
Taylor, Jacob L.....	Room 2, Vanderburgh County Courthouse, Fourth Street, Evansville, Ind.	10	563
Thomas, Sam D.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	367
Thompson, Robert P.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	468
Tilton, James A.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	460
Tolson, Reginald B.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	661
Tompkins, Frank B.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	494

\* License for shelled corn only.

† License suspended by request of licensee.

TABLE 1.—*List of inspectors, etc.*—Continued.

Name.	Address.	District No.	License No.
Ton, Philip J.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	515
Townsend, Samuel H.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	640
Tracy, John J.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	446
Tracy, Walter J.....	Norris Elevator, Ninety-eighth Street and Calumet River, Chicago, Ill.	20	443
Tunell, George H.....	300 Zenith Building, Fourth and Robert Streets, St. Paul, Minn.	18	539
Tuthill, Horace A.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	579
Vert, Philip.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	488
Voegelé, Charles.....	77 Mitchell Building, 9 West Fourth Street, Cincinnati, Ohio.	11	489
†Waddick, Richard L.....	Minneapolis, Minn.....	18	617
Ward, Charles J.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	516
Ware, Albert R.....	Room 10, Realty Building, 509-514 Proctor Street, Port Arthur, Tex.	27	685
Wasser, Joseph C.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	381
*Weiss, Godfrey.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	336
Wetzel, Frederick T.....	Office Santa Fe Elevator, Twenty-seventh and Robey Streets, Chicago, Ill.	20	462
Wheeler, James Birdet.....	1401 Corby-Forsee Building, Fifth and Felix Streets, St. Joseph, Mo.	24	471
Wheeler, Walter.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	354
White, George H. K.....	do.....	2	340
White, William.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	663
Whitta, Herbert William...	Main office Mennel Milling Co.'s Building, Vine Street, Fostoria, Ohio.	13	667
Wickstrom, Hilding A.....	14 Cotton Exchange, 2102 Avenue C, Galveston, Tex.....	27	458
Widicus, Arnold J.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	378
Wilkie, John Matthew.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	434
Williams, Charles M.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	475
*Williams, John K.....	Chamber of Commerce Building, 205 Main Street, Jacksonville, Fla.	8	186
Williams, Ray.....	Elevator Building, Inspector's Office, New Prague, Minn..	18	597
Windram, George.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	351
Winn, John Oliver.....	1402 Corby-Forsee Building, Fifth and Felix Streets, St. Joseph, Mo.	24	433
Wishmire, Christopher.....	720 Board of Trade Building, Meridian and Ohio Streets, Indianapolis, Ind.	12	453
Wishmire, Thomas.....	do.....	12	533
Wollard, Christopher A.....	A. M. Ward Building, 303 West Third Street, Abilene, Kans.	24	594
Wood, William Leonard....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	690
Wright, Andrew J.....	Office Elevator A, Winona, Minn.....	18	588
Young, Walter B.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	645
Youngren, Edward Ernest..	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	628
Zarwell, Edward E.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	561
Ziesemer, Rufus.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	359

\* License for shelled corn only.

† License suspended by request of licensee.



TABLE 2.—*Address of Office of Federal Grain Supervision, name and license number of each licensed inspector, and point or points (county or town) where he will perform inspection services, in each district, on March 11, 1918.*

## District No. 1.

[Office of Federal Grain Supervision, 1140 Oliver Building, 141 Milk Street, Boston, Mass.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Berry, Benjamin S.....	Boston, Mass.....	364
Catlin, Seth.....	do.....	365
Green, Joseph G., jr.....	do.....	424
Hammer, Frederick C.....	do.....	362
Heathfield, Thomas.....	do.....	363

## District No. 2.

[Office of Federal Grain Supervision, 1607 Lords Court, 27 William Street, New York, N. Y.]

## LICENSED INSPECTORS.

Arrance, Augustus.....	Harbor of New York, Queens, Kings, Richmond Counties, N. Y.; Hudson County, N. J.	347
Boyce, Arthur.....	do.....	342
Cavanagh, John M.....	do.....	538
Cooper, Charles W.....	do.....	344
Elder, Charles A.....	do.....	535
Ryan, David J.....	do.....	536
Seinsoth, Henry J.....	do.....	350
Slingerland, Alfred.....	do.....	624
Slingerland, Alfred G.....	do.....	341
Smith, James E.....	do.....	349
Sweeney, Frank J.....	do.....	352
Wheeler, Walter.....	do.....	354
White, George H. K.....	do.....	340
Windram, George.....	do.....	351

## District No. 3.

[Office of Federal Grain Supervision, 578 Bourse Building, Philadelphia, Pa.]

## LICENSED INSPECTORS.

Cleary, Richard J.....	Philadelphia, Pa.....	633
Cooper, Charles T.....	do.....	639
Downing, Alexander.....	do.....	487
Downing, Joseph A.....	do.....	545
Foering, John O.....	do.....	485
Kennedy, Edwin F.....	do.....	551
Koib, Charles W.....	do.....	559
Lynn, John.....	do.....	486
Lynn, William F.....	do.....	549
Raker, Charles F.....	do.....	565
Townsend, Samuel H.....	do.....	640
Vert, Philip.....	do.....	488

## District No. 4.

[Office of Federal Grain Supervision, 98 Dun Building, Buffalo, N. Y.]

## LICENSED INSPECTORS.

Anderson, Alfred.....	Buffalo, N. Y.....	382
Auerbach, Charles F.....	do.....	567
Connors, Patrick D.....	do.....	387
Kraus, John E.....	do.....	440
*Loefke, Herman.....	do.....	335
**Lucy, James W.....	do.....	656
*Mack, John.....	do.....	337
Riley, Eugene L.....	do.....	491
Shanahan, Paul S.....	do.....	383
Stratton, Albert F.....	do.....	490
*Weiss, Godfrey.....	do.....	336

\*License for shelled corn only.

\*\*License for wheat only.



TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 5.

[Office of Federal Grain Supervision, 613-615 Wabash Building, Pittsburgh, Pa.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
*Culp, Charles.....	Pittsburgh, Pa.....	271
†Hopwood, Howard H.....	do.....	430
Morris, George C.....	do.....	691

## District No. 6.

[Office of Federal Grain Supervision, 409 Garrett Office Building, Baltimore, Md.]

## LICENSED INSPECTORS.

Ball, J. Edgar.....	Baltimore, Md.....	544
Benedict, Orville W.....	do.....	573
Bittrick, George L.....	do.....	516
*Bonds, Jacob R.....	Norfolk and Portsmouth, Va.....	272
*Booker, Y. E.....	Richmond, Va.....	295
†Cofer, W. R.....	Newport News, Va.....	547
Dorsey, Lloyd.....	Baltimore, Md.....	371
Gates, J. Nelson.....	do.....	369
Gimpel, John C.....	do.....	372
Gless, William F.....	do.....	543
Hull, Irving T.....	do.....	545
††Jamieson, William C.....	do.....	143
Larkin, David H.....	do.....	363
Miner, Thomas M.....	do.....	370
Scheer, H. M.....	Newport News, Va.....	433
Thomas, Sam. D.....	Baltimore, Md.....	367

## District No. 8.

[Office of Federal Grain Supervision, 1710 Third National Bank Building, Atlanta, Ga.]

## LICENSED INSPECTORS.

*Davis, Walter R.....	Atlanta, Ga.....	326
*Williams, John K.....	Jacksonville, Fla.....	186

## District No. 9.

[Office of Federal Grain Supervision, 807 Independent Life Building, Nashville, Tenn.]

## LICENSED INSPECTORS.

*Binkley, W. H.....	Nashville, Tenn.....	331
Greer, B. O.....	do.....	454
Roberts, J. T.....	do.....	442

## District No. 10.

[Office of Federal Grain Supervision, 27 Board of Trade Building, Louisville, Ky.]

## LICENSED INSPECTORS.

Bensing, August W.....	Louisville, Ky.....	405
Duvall, Neville W., jr.....	do.....	404
††Elam, Herman P.....	Henderson, Ky.....	573
Enos, Marcus T.....	New Albany, Ind.....	542
Hallam, James A.....	Henderson, Ky.....	647
Irving, Lee D.....	Louisville, Ky.....	407
Knight, William.....	do.....	403
Petty, John W.....	do.....	400
*Server, Clarence E.....	Henderson, Ky.....	277
*Silbernagel, William H.....	Louisville, Ky.....	259
*Slaughter, Irving R.....	do.....	37
Taylor, Jacob L.....	Evansville, Ind.....	563

\* License for shelled corn only.

† License suspended by request of licensee.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.—Continued.*

## District No. 11.

[Office of Federal Grain Supervision, 210 Johnson Building, Cincinnati, Ohio.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Duddey, Andrew J. ....	Cincinnati, Ohio. ....	553
Garnett, Arthur L. ....	do. ....	452
Garnett, Howard C. ....	do. ....	411
McKinstrie, R. M. ....	Troy, Ohio. ....	611
Munson, George F. ....	Cincinnati, Ohio. ....	425
O'Hara, John. ....	do. ....	560
Shannon, Alexander R. ....	Columbus, Ohio. ....	451
Voegelé, Charles. ....	Cincinnati, Ohio. ....	489

## District No. 12.

[Office of Federal Grain Supervision, 827 Board of Trade Building, Indianapolis, Ind.]

## LICENSED INSPECTORS.

†Daus, Ray C. ....	Indianapolis, Ind. ....	614
Freeman, William T. ....	Terre Haute, Ind. ....	568
Helms, Thomas A. ....	Winchester, Ind. ....	586
Holder, Samuel A. ....	Indianapolis, Ind. ....	388
*Poisel, Charles O. ....	do. ....	328
Wishmire, Christopher. ....	do. ....	453
Wishmire, Thomas. ....	do. ....	533

## District No. 13.

[Office of Federal Grain Supervision, 2009 Second National Bank Building, Toledo, Ohio.]

## LICENSED INSPECTORS.

Brundage, Homer J. ....	Toledo, Ohio. ....	552
Culver, Edward B. ....	do. ....	345
Culver, Edward H. ....	do. ....	343
Einhart, Harry D. ....	do. ....	397
Hall, Warren B. ....	do. ....	585
Spera, William A. ....	do. ....	396
Whitta, H. W. ....	Fostoria, Ohio. ....	667

## District No. 14.

[Office of Federal Grain Supervision, 709 Illuminating Building, Cleveland, Ohio.]

## LICENSED INSPECTORS.

Grimes, John G. ....	Cleveland, Ohio. ....	510
Hehman, L. H. ....	Mansfield, Ohio. ....	614
Heniken, John E. ....	Cleveland, Ohio. ....	484

## District No. 15.

[Office of Federal Grain Supervision, 314 Holden Building, 211 Griswold Street, Detroit, Mich.]

## LICENSED INSPECTORS.

Foster, Herbert D. ....	Detroit, Mich. ....	555
McEachron, Daniel R. ....	Grand Rapids, Mich. ....	692
Recker, William W. ....	Detroit, Mich. ....	375

\* License for shelled corn only.

† License suspended by request of licensee.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 16.

[Office of Federal Grain Supervision, 513 Wells Building, 122 Wisconsin Street, Milwaukee, Wis.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Breed, Allen A.....	Milwaukee, Wis.....	361
Croke, Frank.....	do.....	423
Forrestal, James.....	do.....	539
Forrestal, Robert M.....	do.....	593
†Gebhard, Frank.....	do.....	525
†Kammerer, Phil C.....	do.....	534
*Lias, Charles F.....	do.....	654
Rice, J. Walter.....	do.....	527
Ruger, Edward I.....	do.....	526
Zarwell, Edward E.....	do.....	564

## District No. 17.

[Office of Federal Grain Supervision, 309 Glencoe Building, Duluth, Minn.]

## LICENSED INSPECTORS.

Bjorge, Hans P.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	389
Brown, Baldwin.....	Duluth, Minn., and Superior, Wis.....	506
Carlson, Magnus T.....	do.....	508
Coombs, John B.....	Superior, Wis.....	406
Di Marco, Fred B.....	Duluth, Minn., and Superior, Wis.....	501
Earl, Clifford P.....	do.....	502
Edwards, Hugh J.....	do.....	504
Erickson, Emil.....	do.....	607
Gray, Russell W.....	do.....	503
Grendahl, Olaf.....	do.....	637
Hagler, Lewis.....	do.....	509
†Hanson, Francis L.....	do.....	604
Haugen, Magnus B.....	do.....	619
†Hendricks, Riley C.....	do.....	618
Ingersoll, John F.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	391
Jahn, Robert A.....	Duluth, Minn., and Superior, Wis.....	623
Johnson, Ole C.....	do.....	505
Kernan, Eugene E.....	Superior, Wis.....	409
Kernan, James E.....	do.....	457
Le Moignan, Joseph.....	Duluth, Minn., and Superior, Wis.....	499
McKinnon, Edward.....	Superior, Wis.....	456
McMillan, Archibald.....	do.....	410
Nelson, Louis M.....	Duluth, Minn., and Superior, Wis.....	510
Nye, Ray J.....	Superior, Wis.....	455
Owens, John.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	390
Page, Edwin H.....	Superior, Wis.....	411
Rasmussen, Rasmus J.....	Duluth, Minn., and Superior, Wis.....	598
Selvig, Victor H.....	do.....	597
Sherman, Darwin D.....	do.....	512
Smith, Alton C.....	do.....	591
Swanstrom, Charles W.....	do.....	500
Youngren, Edward E.....	do.....	628

\*License for shelled corn only.

†License suspended by request of licensee.

‡License suspended by order of the Secretary of Agriculture.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 18.

[Office of Federal Grain Supervision, 326 Flour Exchange, Minneapolis, Minn.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Brown, Thomas J.	St. Paul, Minn.	634
Caley, Harry.	Minneapolis and Duluth, Minn.	615
Caswell, William R.	La Crosse, Wis., and Minneapolis, Minn.	497
†Collins, George A.	Marshall and Minneapolis, Minn.	652
Dahlquist, Harry A.	Minneapolis and St. Paul, Minn.	611
Dalrymple, Oliver C.	Minneapolis, Minn.	633
Evenson, Arthur F.	Minneapolis and Duluth, Minn.	360
Foss, Ludvig.	Minneapolis and St. Paul, Minn.	608
Gibbs, Richard.	do.	580
Gordon, Arnolpus R.	St. Cloud and Minneapolis, Minn.	603
†Gray, Frank R.	Mankato and Minneapolis, Minn.	659
†Hamp, Charles H.	Minneapolis and St. Paul, Minn.	606
Healy, John J.	do.	610
Irgens, Ingolf W.	Minneapolis, Minn.	648
Johnson, Edward.	do.	496
Johnson, Edward G.	do.	636
Johnson, Jalmer O.	Minneapolis and St. Paul, Minn.	575
Lacher, Arthur R.	Waseca and Minneapolis, Minn.	660
Ladd, Edwin F.	Fargo, N. Dak.	632
Larson, Ole A.	Marshall, Minn.	513
Le Suer, Ralph V.	Minneapolis and Duluth, Minn.	581
Matland, John N.	do.	574
Maxfield, Charles F.	St. Paul, Minn.	498
McGovern, James A.	Fargo, N. Dak.	629
McNamara, John E.	Minneapolis and Duluth, Minn.	577
Mossberg, Samuel H.	do.	616
Oliver, Harry E.	New Ulm, Minn.	590
Oppelt, Frank K.	Sleepy Eye, Minn.	658
Parish, Charles E.	Minneapolis and St. Paul, Minn.	576
Rehnke, E. R.	Minneapolis and Duluth, Minn.	358
Shelley, Clarence W.	Minneapolis, Minn.	635
Tunell, George H.	St. Paul, Minneapolis, and Duluth, Minn.	589
Tuthill, Horace A.	Minneapolis and St. Paul, Minn.	579
†Waddick, Richard L.	Minneapolis and Duluth, Minn.	617
White, William.	Minneapolis, Minn.	663
Williams, Ray.	New Prague, Minn.	507
Wright, Andrew J.	Winona, Minn.	588
Young, Walter B.	Minneapolis and Duluth, Minn.	645
Ziesemer, Rufus.	do.	359

## District No. 19.

[Office of Federal Grain Supervision, 738 Brandeis Building, Omaha, Nebr.]

## LICENSED INSPECTORS.

Andrews, David R.	Superior, Nebr.	562
Christiansen, Arthur C.	Omaha, Nebr.	693
†*Clark, Harry Robt.	do.	321
Diehl, Peter A.	Lincoln, Nebr.	622
†Ekman, Carl E.	Omaha, Nebr.	569
French, Luther E.	do.	666
Johnson, Arvid D.	do.	612
Larson, Paul N.	Sioux City, Iowa.	587
Littler, I. R.	Missouri Valley, Iowa.	605
†*Martin, Robert H.	Sioux City, Iowa.	305
McGowan, Ross J.	Omaha, Nebr.	558
McLaughlin, Frank.	do.	613
Milligan, Theodore W.	do.	394
Mitchell, Fred W.	Fremont, Nebr.	570
Powell, George B.	Omaha, Nebr.	459
Scanlan, J. Paul.	do.	556
†*Scott, Harry E.	Lincoln, Nebr.	655
Tilton, James A.	Omaha, Nebr.	460

\* License for shelled corn only.

† License suspended by request of licensee.



TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 20.

[Office of Federal Grain Supervision, Room 974, 208 South La Salle Street, Chicago, Ill.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
†Bailey, Edward W.....	Chicago, Ill.....	414
Boger, J. W.....	do.....	675
Burke, John.....	do.....	428
Burke, Thomas J.....	do.....	620
Cassidy, George J.....	do.....	421
*Clawson, Charles.....	Sheldon, Ill.....	244
Connelly, M. E.....	Chicago, Ill.....	664
Corson, Asa C.....	do.....	681
Costello, Edward J.....	do.....	417
*Elinger, Elias H.....	Hammond, Ind.....	322
Erskine, John R.....	Chicago, Ill.....	571
Ettelson, John.....	do.....	646
Getzien, Charles.....	do.....	419
Gustafson, Frank A.....	do.....	621
Hawn, Arthur E.....	do.....	469
Hunt, William A.....	do.....	649
Johnson, John.....	do.....	413
Keefe, John.....	do.....	439
La Shelle, Daniel G.....	do.....	674
Lenock, Joseph J.....	do.....	415
Lorimer, John M.....	do.....	426
*Mallaney, J. F.....	Kankakee, Ill.....	270
*McCarthy, Eugene, jr.....	Chicago, Ill.....	311
McCarthy, Luke J.....	South Bend, Ind.....	554
*McCrea, John C.....	Clinton, Iowa.....	695
McDermott, John T.....	Chicago, Ill.....	418
Moran, Edward E.....	do.....	427
Noble, James A.....	do.....	566
Raichart, Edward.....	do.....	412
Ramsey, George W., Jr.....	Cedar Rapids, Iowa.....	653
Ratza, John F.....	Chicago, Ill.....	673
Risser, Harry E.....	do.....	416
Schall, William.....	do.....	420
Schmidt, Walter E.....	do.....	532
Smith, Samuel H.....	do.....	659
Spotz, Frank J.....	do.....	463
Tracy, Walter J.....	do.....	443
Wetzel, Frederick T.....	do.....	462

## District No. 21.

[Office of Federal Grain Supervision, 509 Lehmann Building, Peoria, Ill.]

## LICENSED INSPECTORS.

Baxter, Samuel E.....	Peoria and Pekin, Ill.....	402
Beckenhaupt, John C.....	do.....	524
*Drysedale, David L.....	do.....	17
Fox, Herbert.....	do.....	348
Gilbert, Ralph W.....	Champaign and Urbana, Ill.....	651
Guinane, Edward J.....	Burlington, Iowa.....	559
Meehan, Harvey C.....	Peoria and Pekin, Ill.....	523
*Miller, Walter D.....	do.....	13
*Remington, Floyd R.....	do.....	600
Rowe, Van R.....	Davenport, Iowa.....	491
Tompkins, Frank B.....	Peoria, Ill.....	494

\* License for shelled corn only.

† License suspended by order of the Secretary of Agriculture.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 22.

[Office of Federal Grain Supervision, 813-817 Pierce Building, St. Louis, Mo.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Carr, Frank C.....	St. Louis, Mo.....	418
Clifford, Thomas E.....	do.....	696
Edmiston, J. D.....	East St. Louis, Ill.....	672
†Elliott, John O.....	St. Louis, Mo.....	449
Gilmartin, James J.....	do.....	444
Grischy, John.....	East St. Louis, Ill.....	376
†LauX, Philip.....	do.....	377
Lyons, William M.....	do.....	379
Nolan, William.....	St. Louis, Mo.....	662
Richards, W. T.....	East St. Louis, Ill.....	670
Sartison, Franz.....	do.....	467
Sullivan, John F.....	Alton, Ill.....	356
Thompson, Robert P.....	St. Louis, Mo.....	468
Tolson, R. B.....	do.....	661
Tracy, John J.....	do.....	446
Widicus, Arnold J.....	East St. Louis, Ill.....	378

## District No. 23.

[Office of Federal Grain Supervision, Room 6, Post Office Building, Cairo, Ill.]

## LICENSED INSPECTORS.

*Clancy, John E.....	Cairo, Ill.....	683
*Jenkins, Charles F.....	Paducah, Ky.....	682
Matthews, F. A.....	Sikeston, Mo.....	686
Powell, William S.....	Cairo, Ill.....	592
*Shanahan, Michael.....	do.....	39

## District No. 24.

[Office of Federal Grain Supervision, 310 Postal Telegraph Building, Kansas City, Mo.]

## LICENSED INSPECTORS.

Addison, Alex.....	Leavenworth, Kans.....	385
Alleman, Russell F.....	Kansas City, Kans.....	595
Bennett, George G.....	Kansas City, Mo.....	631
Betton, Ernest L.....	do.....	472
Bogard, Benjamin F.....	Topeka, Kans.....	381
Bradbury, Frank W.....	Kansas City, Mo.....	474
Butler, Richard W.....	do.....	479
Chess, John P.....	Lawrence, Kans.....	366
Clark, J. Martin.....	Kansas City, Mo.....	482
Connelly, Charlie M.....	Salina, Kans.....	392
Cooke, Robert O.....	Atchison, Kans.....	429
Culp, Mather C.....	Kansas City, Mo.....	476
Deussing, Berthold, jr.....	do.....	694
Dunn, Pines R.....	St. Joseph, Mo.....	470
Fears, Magruder C.....	Kansas City, Mo.....	483
Fears, Samuel P.....	do.....	492
Hillis, John.....	Kansas City, Kans.....	393
McVeigh, Patherick H.....	Kansas City, Mo.....	473
O'Conner, Otis E.....	do.....	478
Reavis, Frank.....	do.....	477
Roberts, Clarence.....	Abilene, Kans.....	461
Ross, George B.....	Kansas City, Kans.....	609
Schreiber, Herman J.....	Atchison, Kans.....	380
Shepard, Celsus.....	Kansas City, Mo.....	487
Shull, Charles W.....	Kansas City, Kans.....	622
Sims, John.....	Clay Center, Kans.....	644
Wasser, Joseph C.....	Kansas City, Mo.....	380
Wheeler, James B.....	St. Joseph, Mo.....	471
Williams, Charles M.....	Kansas City, Mo.....	475
Winn, John O.....	St. Joseph, Mo.....	433
Wollard, Christopher A.....	Abilene, Kans.....	594
Wood, William L.....	Kansas City, Kans.....	690

\* License for shelled corn only.

† License suspended by request of licensee.

‡ License suspended by order of the Secretary of Agriculture.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 25.

[Office of Federal Grain Supervision, 403 Exchange Building, Memphis, Tenn.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
*Daniel, Dan.....	Little Rock, Ark.....	146
Gardner, Alexander B.....	Memphis, Tenn.....	353
Gardner, Edwin R.....	do.....	399
Houseal, Miles B.....	do.....	537

## District No. 26.

[Office of Federal Grain Supervision, 503 Metropolitan Bank Building, New Orleans, La.]

## LICENSED INSPECTORS.

Colby, George S.....	City of New Orleans, Orleans Parish, La.; Harahan, Westwego, Amesville, Harveys Canal, Gretna, Goulsboro, all in Jefferson Parish, La.; Chalmette, St. Bernard Parish, La.	437
*De Fraitcs, Arthur E.....	do.....	232
Engelhorn, Wm. Louis.....	do.....	626
Helwick, Joseph L.....	do.....	435
Keiser, Peter.....	do.....	436
Wilkie, John M.....	do.....	434

## District No. 27.

[Office of Federal Grain Supervision, 222 Security Building, Galveston, Tex.]

## LICENSED INSPECTORS.

Kerner, Jacob V.....	Galveston, Tex.....	530
Robinson, Clarence W.....	do.....	561
Ware, Albert R.....	Port Arthur, Tex.....	685
Wickstrom, Hilding A.....	Galveston, Tex.....	438

## District No. 28.

[Office of Federal Grain Supervision, 311 First National Bank Building, Fort Worth, Tex.]

## LICENSED INSPECTORS.

Grubb, Orin A.....	Wichita Falls, Tex.....	528
Loos, Fred L.....	Dallas, Tex.....	481
McKnight, J. R.....	Sherman, Tex.....	374
Robinson, James E.....	Fort Worth, Tex.....	432

## District No. 29.

[Office of Federal Grain Supervision, 502 Patterson Building, Oklahoma City, Okla.]

## LICENSED INSPECTORS.

Callahan, A. K.....	Enid, Okla.....	668
Jordan, M. I.....	Oklahoma City, Okla.....	669

## District No. 30.

[Office of Federal Grain Supervision, 313 Sedgwick Building, Wichita, Kans.]

## LICENSED INSPECTORS.

Clark, Willard B.....	Wellington, Kans.....	466
Dunnire, Albert A.....	Wichita, Kans.....	386
Hutchinson, Harris W.....	Hutchinson, Kans.....	355
Lambe, William J.....	Coffeyville, Kans.....	464
Pease, Charles M.....	Wichita, Kans.....	357
Post, Anson C.....	Winfield, Kans.....	522

\* License for shelled corn only.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 31.

[Office of Federal Grain Supervision, 509 Cooper Building, Denver, Colo.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Hine, Lewis C.....	Denver, Colo.....	583
Joerger, Emil J.....	.....do.....	395

## District No. 32.

[Office of Federal Grain Supervision, 423 Ness Building, Salt Lake City, Utah.]

Aabel, Hans.....	Salt Lake City, Utah.....	657
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## District No. 33.

[Office of Federal Grain Supervision, 516 Chamber of Commerce Building, Spokane, Wash.]

## LICENSED INSPECTORS.

**Atkinson, Alfred.....	Bozeman, Mont.....	687
Crowe, Luke D.....	Spokane, Wash.....	520
**Jahnke, Emil W.....	Bozeman, Mont.....	688
Stevens, Thos. A.....	Spokane, Wash.....	599

## District No. 34.

[Office of Federal Grain Supervision, 802 Arctic Building, Seattle, Wash.]

## LICENSED INSPECTORS.

Asbury, Herndon M.....	Seattle, Wash.....	689
Cunningham, James.....	.....do.....	514
Cunningham, P. R.....	.....do.....	681
†Fisher, J. E.....	.....do.....	677
Geehan, J. J.....	Tacoma, Wash.....	519
Hyman, F. V.....	Seattle, Wash.....	676
Kneeland, Guy B.....	.....do.....	678
†Peterson, P. K.....	.....do.....	679
Pillow, Frank E.....	Tacoma, Wash.....	518
Sweeney, Patrick J.....	Tacoma, Seattle, and Spokane, Wash.....	601
Sweeney, T. F.....	Tacoma, Wash.....	602
Ton, Philip J.....	Seattle, Wash.....	515
Ward, C. J.....	Tacoma, Wash.....	516

## District No. 35.

[Office of Federal Grain Supervision, 310 Worcester Building, Portland, Oreg.]

## LICENSED INSPECTORS.

Coffman, Orville W.....	Portland, Oreg.....	643
Gartin, Linzy E.....	.....do.....	639
McAyeal, Roy A.....	.....do.....	665
Porter, Charles E.....	.....do.....	531

## District No. 36.

[Office of Federal Grain Supervision, 1131 Merchants Exchange, San Francisco, Cal.]

## LICENSED INSPECTORS.

Bunker, Henry Chase.....	San Francisco, Port Costa, South Vallejo, and Stockton, Cal.	495
Silcox, Chester.....	Los Angeles, Cal.	493
Sullivan, James J.....	San Francisco, Port Costa, South Vallejo, and Stockton, Cal.	693

\*\*License for wheat only.

†License suspended by request of licensee



TABLE 3.—List showing names of licensed inspectors whose licenses are being held in suspension. March 11, 1918.

Name.	Address.	License No.	Date suspended.	Reason for suspension.
Bailey, Edward W.....	Chicago, Ill.....	414	Feb. 23, 1918	By order of the Secretary of Agriculture.
Clark, Harry Robert.....	Omaha, Nebr.....	321	Sept. 6, 1917	By request of licensee.
Cofer, Wesley R.....	Newport News, Va.....	547	Jan. 18, 1918	Do.
Collins, George A.....	Marshall, Minn.....	652	Mar. 2, 1918	Do.
Daus, Ray C.....	Indianapolis, Ind.....	614	Dec. 17, 1917	Do.
Ekman, Carl E.....	Omaha, Nebr.....	569	Feb. 1, 1918	Do.
Elam, Herman P.....	Henderson, Ky.....	573	Sept. 1, 1917	Do.
Elliott, John O.....	St. Louis, Mo.....	449	Sept. 19, 1917	Do.
Fisher, John E.....	Seattle, Wash.....	677	Feb. 26, 1918	Do.
Gebhard, Frank.....	Milwaukee, Wis.....	525	Jan. 7, 1918	Do.
Gray, Frank R.....	Mankato, Minn.....	659	Feb. 26, 1918	Do.
Hamp, Charles H.....	St. Paul, Minn.....	606	Dec. 7, 1917	Do.
Hanson, Francis L.....	Duluth, Minn.....	604	Oct. 5, 1917	Do.
Hendricks, Riley C.....	do.....	618	Mar. 5, 1918	By order of the Secretary of Agriculture.
Hopwood, Howard H.....	Pittsburgh, Pa.....	430	Feb. 21, 1918	By request of licensee.
Jamieson, William C.....	Baltimore, Md.....	143	July 7, 1917	Do.
Kammerer, Phil. C.....	Milwaukee, Wis.....	534	Feb. 8, 1918	Do.
Laux, Philip.....	St. Louis, Mo.....	377	July 31, 1917	By order of the Secretary of Agriculture.
Lias, Charles F.....	Elmhurst, Ill.....	654	Dec. 14, 1917	By request of licensee.
Martin, Robert Henri.....	Sioux City, Iowa.....	305	Mar. 2, 1918	Do.
Peterson, Peter K.....	Seattle, Wash.....	879	Jan. 16, 1918	Do.
Scott, Harry E.....	Sioux City, Iowa.....	655	Jan. 3, 1918	Do.
Waddick, Richard L.....	Minneapolis, Minn.....	617	Jan. 5, 1918	Do.

## NOTICE OF ISSUANCE OF DUPLICATE IDENTIFICATION CARD TO LICENSED INSPECTOR.

Mr. Seth Catlin, a licensed inspector at Boston, Mass., having lost his identification card, which was issued to him with license No. 365, a duplicate identification card No. 365 was issued to him under date of December 4, 1917, pursuant to regulation 2, section 8, of the rules and regulations under the United States grain standards act.

TABLE 4.—List showing names of persons to whom licenses were issued by the Secretary of Agriculture and whose licenses have been canceled up to and including March 11, 1918.

Name.	Address.	License No.
Aabel, Hans.....	Burlington, Iowa.....	246
Anderson, Harold.....	Buffalo, N. Y.....	582
Bingaman, L. L.....	Coffeyville, Kans.....	465
Birk, Charles Gilbert.....	Louisville, Ky.....	99
Bolan, Bernard J.....	Portland, Me.....	293
Brittain, Perley J.....	Minneapolis, Minn.....	120
Burroak, Nelson J.....	Montevideo, Minn.....	301
Cavanagh, John T.....	Superior, Wis.....	43
Clifford, Thomas E.....	St. Louis, Mo.....	450
Conkey, Edward H.....	Duluth, Minn.....	154
Connelly, Milton E.....	Chicago, Ill.....	316
Cunningham, John J.....	New York, N. Y.....	398
Dennis, Edward F.....	Cincinnati, Ohio.....	226
Edwards, John H.....	Duluth, Minn.....	152
Emerson, H. E.....	St. Paul, Minn.....	131
Farrell, James S.....	Cincinnati, Ohio.....	309
Fowler, Walter.....	Superior, Wis.....	408
Franks, Clifford G.....	Chicago, Ill.....	92
Gallaher, Lee.....	Kansas City, Mo.....	103
Gear, Herbert H.....	Sioux City, Iowa.....	101
Hegwein, Charles F.....	Chicago, Ill.....	87
Hellman, Harold S.....	Buffalo, N. Y.....	187
Hickey, Edward J.....	Chicago, Ill.....	422
Hill, Ephraim A.....	Minneapolis, Minn.....	115
Jarboe, Robert D.....	Tacoma, Wash.....	79
Jones, George D.....	Fostoria, Ohio.....	290
Kruse, August F.....	Omaha, Nebr.....	255
Landers, George K.....	Seattle, Wash.....	517
Linze, E. H.....	Oklahoma City, Okla.....	524
Martin, Thomas P.....	Buffalo, N. Y.....	335

TABLE 4.—List showing names of persons to whom licenses were issued by the Secretary of Agriculture and whose licenses have been canceled, etc.—Continued.

Name.	Address.	License No.
McDonald, William.....	Duluth, Minn.....	511
Mill, Robert C.....	East St. Louis, Ill.....	180
Miller, Harry.....	Indianapolis, Ind.....	339
Munro, John C.....	St. Cloud, Minn.....	192
Nathan, Joseph E.....	Chicago, Ill.....	317
Noll, Edward C.....	Milwaukee, Wis.....	541
Pahl, William A.....	Omaha, Nebr.....	557
Phillips, Oscar F.....	Duluth, Minn.....	54
Pope, John T.....	Mobile, Ala.....	23
Prece, William J.....	Detroit, Mich.....	310
Richeson, William L.....	New Orleans, La.....	431
Russell, Ralph.....	Hutchison, Kans.....	97
Saunders, Robert R.....	St. Louis, Mo.....	445
Scharf, Matthew H.....	New York, N. Y.....	346
Sheedy, John.....	Kansas City, Mo.....	165
Standring, Charles F.....	Champaign, Ill.....	109
Staples, William J.....	St. Louis, Mo.....	447
Straight, Gregory L.....	Kansas City, Kans.....	182
Strothman, Herbert L.....	Seattle, Wash.....	521
Strowig, Milton I.....	Kansas City, Kans.....	596
Tompkins, Frank B.....	Peoria, Ill.....	19
Wallace, Roy J.....	Chicago, Ill.....	314
Woolsey, Ralph B.....	do.....	84
Wright, Ralph C.....	Minneapolis, Minn.....	578

TABLE 5.—List showing names of persons to whom licenses were issued by the Secretary of Agriculture and whose licenses have been revoked up to and including March 11, 1918.

Name.	Address.	License No.	Date revoked.
Gibbons, John P.....	Chicago, Ill.....	291	Dec. 13, 1917

TABLE 6.—Alphabetical list of points where inspection services are performed by licensed inspectors.

Inspection points.	State.	District No.	Inspection points.	State.	District No.
Abilene.....	Kansas.....	24	Fort Worth.....	Texas.....	28
Alton.....	Illinois.....	22	Fostoria.....	Ohio.....	13
Amesville.....	Louisiana.....	26	Fremont.....	Nebraska.....	19
Atchison.....	Kansas.....	24	Galveston.....	Texas.....	27
*Atlanta.....	Georgia.....	8	Gouldsboro.....	Louisiana.....	23
Baltimore.....	Maryland.....	6	Grand Rapids.....	Michigan.....	15
Boston.....	Massachusetts.....	1	Gretna.....	Louisiana.....	26
**Bozeman.....	Montana.....	33	*Hammond.....	Indiana.....	20
Buffalo.....	New York.....	4	Harahan.....	Louisiana.....	26
Burlington.....	Iowa.....	21	Harvey's Canal.....	do.....	26
Cairo.....	Illinois.....	23	Henderson.....	Kentucky.....	10
Cedar Rapids.....	Iowa.....	20	Hutchinson.....	Kansas.....	30
Chalmette.....	Louisiana.....	26	Indianapolis.....	Indiana.....	12
Champaign.....	Illinois.....	21	*Jacksonville.....	Florida.....	8
Chicago.....	do.....	20	*Kankakee.....	Illinois.....	20
Cincinnati.....	Ohio.....	11	Kansas City.....	Kansas.....	24
Clay Center.....	Kansas.....	24	Do.....	Missouri.....	24
Cleveland.....	Ohio.....	14	La Crosse.....	Wisconsin.....	18
*Clinton.....	Iowa.....	20	Lawrence.....	Kansas.....	24
Coffeyville.....	Kansas.....	30	Leavenworth.....	do.....	24
Columbus.....	Ohio.....	11	Lincoln.....	Nebraska.....	19
Dallas.....	Texas.....	28	*Little Rock.....	Arkansas.....	25
Davenport.....	Iowa.....	21	Los Angeles.....	California.....	36
Denver.....	Colorado.....	31	Louisville.....	Kentucky.....	10
Detroit.....	Michigan.....	15	†Mankato.....	Minnesota.....	18
Duluth.....	Minnesota.....	17	Mansfield.....	Ohio.....	14
East St. Louis.....	Illinois.....	22	Marshall.....	Minnesota.....	18
Enid.....	Oklahoma.....	29	Memphis.....	Tennessee.....	25
Evansville.....	Indiana.....	10	Milwaukee.....	Wisconsin.....	16
Fargo.....	North Dakota.....	18	Minneapolis.....	Minnesota.....	18

\*Inspector holds license for shelled corn only.

†Inspector's license suspended.

\*\*Inspector holds license for wheat only.

TABLE 6.—*Alphabetical list of points where inspection services are performed by licensed inspectors—Continued.*

Inspection points.	State.	District No.	Inspection points.	State.	District No.
Missouri Valley.....	Iowa.....	19	Salina.....	Kansas.....	24
Nashville.....	Tennessee.....	0	Salt Lake City.....	Utah.....	32
New Albany.....	Indiana.....	10	San Francisco.....	California.....	36
New Orleans.....	Louisiana.....	26	Seattle.....	Washington.....	34
Newport News.....	Virginia.....	6	*Sheldon.....	Illinois.....	20
New Prague.....	Minnesota.....	18	Sherman.....	Texas.....	28
New Ulm.....	do.....	18	Sikeston.....	Missouri.....	23
New York (Harbor of	New York.....	2	Sioux City.....	Iowa.....	19
New York; Queens,			Sleepy Eye.....	Minnesota.....	18
Kings, and Rich-			South Bend.....	Indiana.....	20
mond Counties,			South Vallejo.....	California.....	36
N. Y.; Hudson			Spokane.....	Washington.....	33
County, N. J.).			Stockton.....	California.....	36
*Norfolk.....	Virginia.....	6	Superior.....	Nebraska.....	19
Oklahoma City.....	Oklahoma.....	29	Superior.....	Wisconsin.....	17
Omaha.....	Nebraska.....	19	Tacoma.....	Washington.....	34
*Paducah.....	Kentucky.....	23	Terre Haute.....	Indiana.....	12
Pekin.....	Illinois.....	21	Toledo.....	Ohio.....	13
Peoria.....	do.....	21	Topeka.....	Kansas.....	24
Philadelphia.....	Pennsylvania.....	3	Troy.....	Ohio.....	11
Pittsburgh.....	do.....	5	Urbana.....	Illinois.....	21
Port Arthur.....	Texas.....	27	Waseca.....	Minnesota.....	18
Port Costa.....	California.....	36	Wellington.....	Kansas.....	30
Portland.....	Oregon.....	35	Westwego.....	Louisiana.....	26
*Portsmouth.....	Virginia.....	6	Wichita.....	Kansas.....	30
*Richmond.....	do.....	6	Wichita Falls.....	Texas.....	28
Saint Cloud.....	Minnesota.....	18	Winchester.....	Indiana.....	12
Saint Joseph.....	Missouri.....	24	Winfield.....	Kansas.....	30
Saint Louis.....	do.....	22	Winona.....	Minnesota.....	18
Saint Paul.....	Minnesota.....	18			

TABLE 7.—*List of inspection points by States where services are performed by licensed inspectors.*

State.	Inspection points.	District No.	State.	Inspection points.	District No.
Arkansas.....	*Little Rock.....	25	Kansas.....	Abilene.....	24
California.....	Los Angeles.....	36		Atchison.....	24
	Port Costa.....	36		Clay Center.....	24
	San Francisco.....	36		Colleville.....	30
	South Vallejo.....	36		Hutchinson.....	30
	Stockton.....	36		Kansas City.....	21
Colorado.....	Denver.....	31		Lawrence.....	24
Florida.....	*Jacksonville.....	8		Leavenworth.....	24
Georgia.....	*Atlanta.....	8		Salina.....	21
Illinois.....	Alton.....	22		Topeka.....	24
	Cairo.....	23		Wellington.....	30
	Champaign.....	21		Wichita.....	30
	Chicago.....	20		Winfield.....	30
	East St. Louis.....	22	Kentucky.....	Henderson.....	10
	*Kankakee.....	20		Louisville.....	10
	Pekin.....	21		*Paducah.....	23
	Peoria.....	21	Louisiana.....	Amesville.....	26
	*Sheldon.....	20		Chalmette.....	26
	Urbana.....	21		Gouldsboro.....	26
Indiana.....	Evansville.....	10		Gretna.....	26
	*Hammond.....	20		Harahan.....	26
	Indianapolis.....	12		Harveys Canal.....	26
	New Albany.....	10		New Orleans.....	26
	South Bend.....	20		Westwego.....	26
	Terre Haute.....	12	Maryland.....	Baltimore.....	6
	Winchester.....	12	Massachusetts.....	Boston.....	1
Iowa.....	Burlington.....	21	Michigan.....	Detroit.....	15
	Cedar Rapids.....	20		Grand Rapids.....	15
	*Clinton.....	20	Minnesota.....	Duluth.....	17
	Davenport.....	21		†Mankato.....	18
	Missouri Valley.....	19		Marshall.....	18
	Sioux City.....	19		Minneapolis.....	18

\* Inspector holds license for shelled corn only.

† Inspector's license suspended.



TABLE 7.—List of inspection points by States where services are performed by licensed inspectors—Continued.

State.	Inspection points.	District No.	State.	Inspection points.	District No.
Minnesota.....	New Prague.....	18	Ohio.....	Mansfield.....	14
	New Ulm.....	18		Toledo.....	13
	Saint Cloud.....	18		Troy.....	11
	Saint Paul.....	18	Oklahoma.....	Enid.....	29
	Sleepy Eye.....	18		Oklahoma City.....	29
	Waseca.....	18	Oregon.....	Portland.....	35
	Winona.....	18	Pennsylvania.....	Philadelphia.....	3
Missouri.....	Kansas City.....	24		Pittsburgh.....	5
	Saint Joseph.....	24	Tennessee.....	Memphis.....	25
	Saint Louis.....	22		Nashville.....	9
	Sikeston.....	23	Texas.....	Dallas.....	28
Montana.....	**Bozeman.....	33		Fort Worth.....	28
Nebraska.....	Fremont.....	19		Galveston.....	27
	Lincoln.....	19		Port Arthur.....	27
	Omaha.....	19		Sherman.....	28
	Superior.....	19		Wichita Falls.....	28
New Jersey.....	Hudson County.....	2	Utah.....	Salt Lake City.....	32
New York.....	Buffalo.....	4	Virginia.....	Newport News.....	6
	New York (harbor of New York; Queens, Kings, and Richmond Counties).	2		*Norfolk.....	6
				*Portsmouth.....	6
				*Richmond.....	6
North Dakota.....	Fargo.....	18	Washington.....	Seattle.....	34
Ohio.....	Cincinnati.....	11		Spokane.....	33
	Cleveland.....	14	Wisconsin.....	Tacoma.....	34
	Columbus.....	11		La Crosse.....	18
	Fostoria.....	13		Milwaukee.....	16
				Superior.....	17

\* Inspector holds license for shelled corn only.

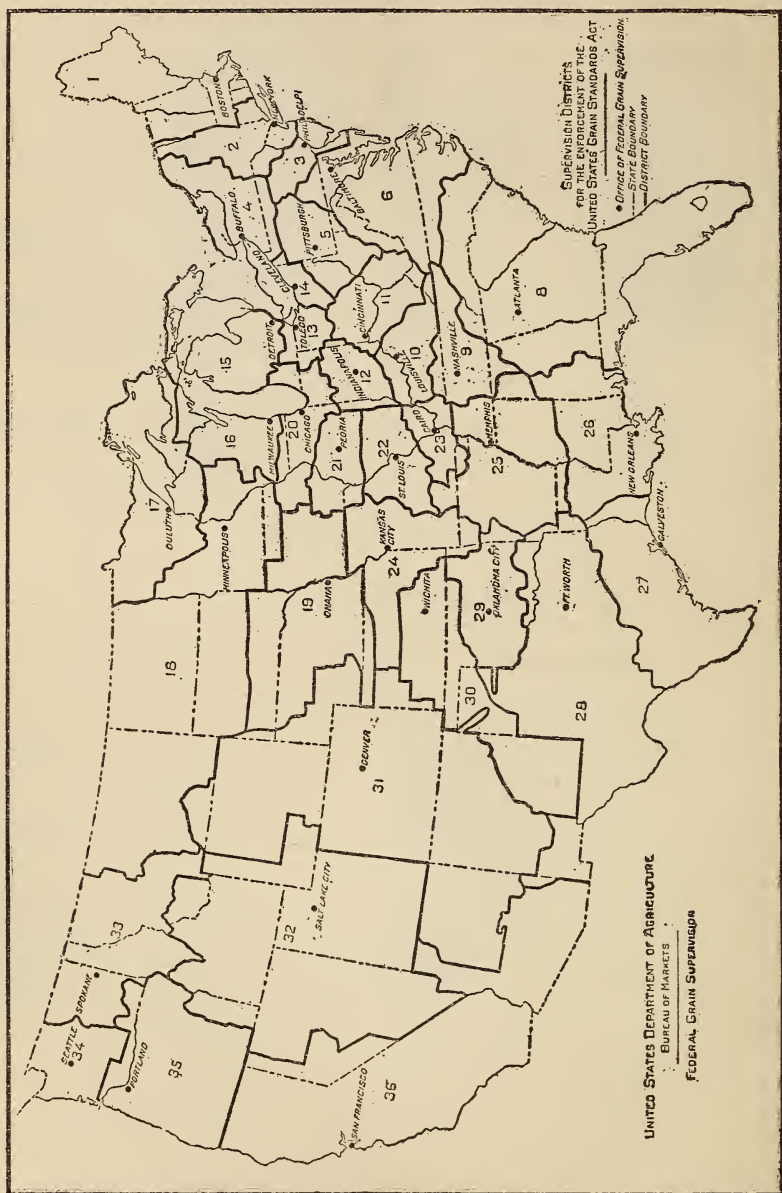
\*\* Inspector holds license for wheat only.

*Alphabetical index of district headquarters.*

Headquarters at—	District No.	Headquarters at—	District No.
Atlanta.....	8	Minneapolis.....	18
Baltimore.....	6	Nashville.....	9
Boston.....	1	New Orleans.....	26
Buffalo.....	4	New York.....	2
Cairo.....	23	Oklahoma City.....	29
Chicago.....	20	Omaha.....	19
Cincinnati.....	11	Peoria.....	21
Cleveland.....	14	Philadelphia.....	3
Denver.....	31	Pittsburgh.....	5
Detroit.....	15	Portland, Oreg.....	35
Duluth.....	17	St. Louis.....	22
Fort Worth.....	28	Salt Lake City.....	32
Galveston.....	27	San Francisco.....	36
Indianapolis.....	12	Seattle.....	34
Kansas City, Mo.....	24	Spokane.....	33
Louisville.....	10	Toledo.....	13
Memphis.....	25	Wichita.....	30
Milwaukee.....	16		

*Numerical index of districts.*

District No.	Headquarters at—	Page.	District No.	Headquarters at—	Page.
1	Boston, Mass. . . . .	10	20	Chicago, Ill. . . . .	15
2	New York, N. Y. . . . .	10	21	Peoria, Ill. . . . .	15
3	Philadelphia, Pa. . . . .	10	22	St. Louis, Mo. . . . .	16
4	Buffalo, N. Y. . . . .	10	23	Cairo, Ill. . . . .	16
5	Pittsburgh, Pa. . . . .	11	24	Kansas City, Mo. . . . .	16
6	Baltimore, Md. . . . .	11	25	Memphis, Tenn. . . . .	17
8	Atlanta, Ga. . . . .	11	26	New Orleans, La. . . . .	17
9	Nashville, Tenn. . . . .	11	27	Galveston, Tex. . . . .	17
10	Louisville, Ky. . . . .	11	28	Fort Worth, Tex. . . . .	17
11	Cincinnati, Ohio. . . . .	12	29	Oklahoma City, Okla. . . . .	17
12	Indianapolis, Ind. . . . .	12	30	Wichita, Kans. . . . .	17
13	Toledo, Ohio. . . . .	12	31	Denver, Colo. . . . .	18
14	Cleveland, Ohio. . . . .	12	32	Salt Lake City, Utah. . . . .	18
15	Detroit, Mich. . . . .	12	33	Spokane, Wash. . . . .	18
16	Milwaukee, Wis. . . . .	13	34	Seattle, Wash. . . . .	18
17	Duluth, Minn. . . . .	13	35	Portland, Oreg. . . . .	18
18	Minneapolis, Minn. . . . .	14	36	San Francisco, Cal. . . . .	18
19	Omaha, Nebr. . . . .	14			



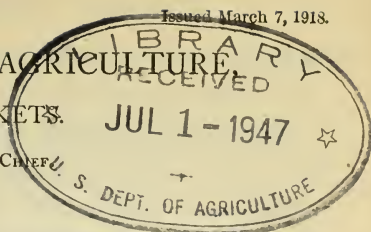


U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF MARKETS

CHARLES J. BRAND, CHIEF

Issued March 7, 1918.



## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 32.<sup>1</sup>

### WARNING.

THIS DOES NOT CONTAIN THE OFFICIAL  
STANDARDS FOR WHEAT.

MARCH 5, 1918.

#### NOTICE OF PUBLIC HEARINGS

RELATING TO

TENTATIVE REVISION OF THE OFFICIAL GRAIN STANDARDS OF THE  
UNITED STATES FOR WHEAT.

In order to determine whether the standards for wheat now in force under the grain standards Act meet satisfactorily present marketing conditions, eighteen public hearings were held throughout the United States during November and December last. Advice and suggestions received through letters, in personal conferences, and at the hearings developed the fact that the standards for wheat, which were formulated for the requirements of trade under normal competitive conditions, should be revised to meet present marketing requirements.

The war has brought about fixed prices for wheat and the substantial elimination of competition in wheat transactions. It has also placed the milling and baking industries upon a new basis. Under present abnormal conditions mixtures of different classes of wheat, admixtures of rye, and other factors which influence color, texture, and loaf volume of bread do not play nearly so important a part in the marketing of wheat as they did under prewar conditions.

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11 to 15, 17 to 19, 22 to 26, 29 and 31.

## STANDARDS FOR SOFT RED WINTER WHEAT (CLASS 4).

This class shall include all varieties of soft red winter wheat, but shall not include more than ten per centum of other wheat or wheats. For the purpose of grade designation, wheat of this class shall be known as Red Winter.

## STANDARDS FOR WHITE WHEAT (CLASS 5).

This class shall include all varieties of common White wheat, and all varieties and hybrids of white club wheat, whether winter or spring grown, but shall not include more than ten per centum of other wheat or wheats. This class shall be divided into two subclasses, as follows:

*Subclass (a) Hard White.*

This subclass shall include wheat meeting the requirements of the class White, of which 75 per centum or more consists of kernels of hard (not soft and chalky) texture; but kernels of wheat of the varieties and hybrids of white club, including Sonora, shall be treated as kernels of soft and chalky texture.

*Subclass (b) Soft White.*

This subclass shall include wheat meeting the requirements of the class White which contains less than 75 per centum of kernels of hard (not soft and chalky) texture; but kernels of wheat of the varieties and hybrids of white club and Sonora, shall be treated as kernels of soft and chalky texture.

SEC. 3. *Mixed wheat.*—Mixed wheat shall be any mixture of wheat not provided for in the classes from I to V, inclusive, defined in section 2.

SEC. 4. *Smutty wheat.*—Smutty wheat shall be all wheat which has an unmistakable odor of smut, or which contains spores, balls, or portions of balls, of smut, in excess of a quantity equal to two balls of average size in fifty grams of wheat.

SEC. 5. *Treated wheat.*—Treated wheat shall be wheat of which more than twenty per centum has been scoured, limed, washed, or treated in any similar manner.

SEC. 6. *Garlicky wheat.*—Garlicky wheat shall be all wheat which contains garlic or wild onion bullets, or has an unmistakable odor of garlic or wild onions.

SEC. 7. *Basis of determinations.*—Each determination of temperature, odor, onions, garlic, and live weevils, or other insects injurious to stored grain, for the purposes of these standards shall be upon the basis of the grain including dockage. All other determinations, except that of dockage, shall be upon the basis of the grain when free from dockage.

SEC. 8. *Percentages.*—Percentages, except in the case of moisture, shall be percentages ascertained by weight,

SEC. 9. *Dockage.*—Dockage includes sand, dirt, weed seeds, weed stems, chaff, straw, grain other than wheat, and any other foreign material which can be removed readily from the wheat by the use of appropriate sieves, cleaning devices, or other practical means suited to separate the foreign material present; also undeveloped, shriveled, and small pieces of wheat kernels removed in properly separating the foreign material, and which can not be recovered by properly rescreening and recleaning. The quantity of dockage shall be calculated in terms of percentage based on the total weight of the grain including the dockage. The percentage of dockage so calculated, when equal to one per centum or more, shall be stated in terms of whole per centum and half per centum; and when less than one percentum shall not be stated. A fraction of a percentum when equal to, or greater than, a half shall be treated as a half, and when less than a half shall be disregarded. The percentage of dockage, so determined and stated, shall be added to the grade designation.

SEC. 10. *Test weight per bushel.*—Test weight per bushel shall be the weight per Winchester bushel as determined by the testing apparatus and the method of use thereof described in Bulletin 472, dated October 30, 1916, issued by the United States Department of Agriculture, or as determined by any device giving equivalent results.

SEC. 11. *Percentage of moisture.*—Percentage of moisture in wheat shall be that, or the equivalent of that, ascertained by the moisture tester and the method of use thereof described in Circular No. 72, and supplement thereto, issued by the United States Department of Agriculture, Bureau of Plant Industry.

SEC. 12. *Heat damaged kernels.*—Kernels and pieces of kernels of wheat which have been distinctly discolored by external heat or as a result of heating caused by fermentation.

SEC. 13. *Inseparable foreign material.*—Inseparable foreign material shall include all matter other than wheat and rye which is not separated from the wheat in the proper determination of dockage.

SEC. 19. *Grades for mixed wheat.*—Mixed wheat shall be graded according to each of the grade requirements for wheat of the class which predominates over each other class in the mixture, except that all of the requirements in any subclass as to the maximum percentage of wheat of other classes and subclasses or varieties shall be disregarded. The grade designation of mixed wheat shall include, successively, in the order named, the number of the grade or the words "Sample Grade," as the case may be, the word "Mixed," and, in the order of its predominance, the name and approximate percentage of each class which constitutes ten per centum or more of the mixture; but if but one class exceeds ten per centum of the mixture, the name and approximate percentage of that class shall be added to the grade designation followed by the name and approximate percentage of at least one other class, each in the order of its predominance.

SEC. 20. *Grades for smutty wheat.*—Smutty wheat shall be graded and designated according to the method described either in paragraph (a) or paragraph (b) of this section.

(a) Before the determination of smut dockage as provided in this paragraph, the wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not smutty, except that smut balls shall not be considered as inseparable foreign material. The loss in weight caused by the removal of smut from the wheat, when free from dockage, shall be ascertained by scouring, washing, or otherwise, and shall be calculated in terms of percentage based on the total weight of the grain free from dockage. The percentage so calculated shall be stated in terms of whole per centum and half per centum. A fraction of a per centum when equal to, or greater than, a half shall be treated as a half, and when less than a half shall be disregarded. The percentage of the "smut dockage," so determined and stated, shall be added to the grade designation preceding the statement of dockage, if any.

(b) Smutty wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not smutty, except (1) that smut balls shall not be considered as inseparable foreign material, and (2) that when the amount of smut present is so great that any one or more of the grade requirements of the grades from No. 1 to No. 4, inclusive, can not accurately be applied, the wheat shall be classified as sample grade. For all grades there shall be added to and made a part of the grade designation, preceding the statement of dockage, if any, the word "smutty."

SEC. 21. *Grades for treated wheat.*—Treated wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not treated, and there shall be added to, and made a part of, its grade designation, a statement indicating the kind of treatment.



Sec. 22. *Grades for garlicky wheat.*—Garlicky wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not garlicky, and there shall be added to, and made a part of, its grade designation the word "Garlicky."

*Condensed tabulation of proposed grade requirements.*

Grade No.	Minimum test weight per bushel (class 1).	Minimum test weight per bushel (classes 2, 3, 4, and 5).	Maximum limits of—					
			Moisture.	Wheat of other classes.	Rye.	Damaged kernels.		Inseparable foreign material, except rye.
						Total.	Heat damaged.	
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1.....	58	60	15	4	2	2	0.1	1
2.....	56	58	15	10	3	5	.5	2
3.....	53	55	15	10	5	10	1.0	3
4.....	50	52	15	10	7	15	3.0	5
*Sample.....								

\**Sample grade.*—Shall be wheat of the appropriate subclass which does not come within the requirements of any of the grades from Nos. 1 to 4, inclusive, or has any commercially objectionable foreign odor, except of smut, garlic, or wild onions, or is distinctly musty, or very sour, or is hot, heating, infested with live weevil or other insects injurious to stored grain, or otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

- (1) The wheat in grades Nos. 1 to 3, inclusive, shall be cool and sweet.
- (2) The wheat in grade No. 4 must be cool, but may be musty, or slightly sour.
- (3) The wheat in grade No. 1 (all subclasses) shall be bright.
- (4) The grade No. 1 (of the class Hard Red Spring) shall not include more than 10 per centum of wheat of the variety Humpback.
- (5) The grade No. 1 (of the class Durum) shall not include more than 10 per centum of wheat of the variety Red Durum.









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**United States Department of Agriculture,**

**BUREAU OF MARKETS,**

**CHARLES J. BRAND, Chief.**

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**SERVICE AND REGULATORY ANNOUNCEMENTS**

**No. 33.**

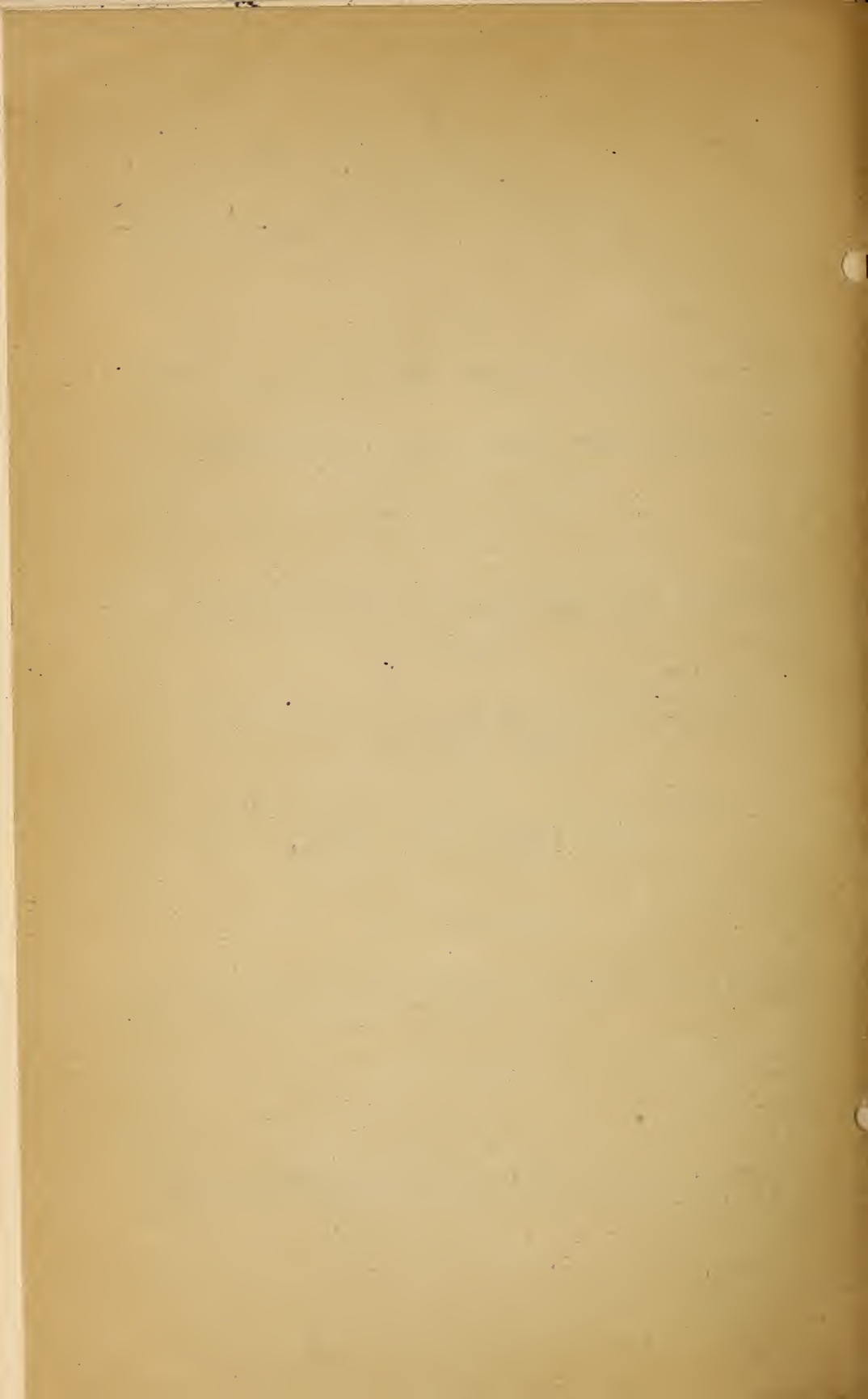
**OFFICIAL GRAIN STANDARDS OF THE UNITED STATES  
FOR WHEAT,  
AND  
OFFICIAL GRAIN STANDARDS OF THE UNITED STATES  
FOR SHELLED CORN.**

**ISSUED APRIL 15, 1918.**

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**WASHINGTON : GOVERNMENT PRINTING OFFICE : 1918**

**NOTE.**—These standards for wheat and for shelled corn supersede, on July 15, 1918, those which were published in Service and Regulatory Announcements Nos. 11 and 22, respectively.



**United States Department of Agriculture,**

BUREAU OF MARKETS,

CHARLES J. BRAND, CHIEF.

**SERVICE AND REGULATORY ANNOUNCEMENTS.**No. 33.<sup>1</sup>**OFFICIAL GRAIN STANDARDS OF THE UNITED STATES  
FOR WHEAT.<sup>2</sup>**

APRIL 6, 1918.

Hon. D. F. HOUSTON,

*Secretary of Agriculture.*

SIR: I have the honor to transmit herewith a draft of an order fixing, establishing, promulgating, and giving public notice of, the official grain standards of the United States for wheat under the United States grain standards Act of August 11, 1916 (39 U. S. Statutes at Large, 482). It is recommended that they be fixed, established, promulgated, and published as the official grain standards of the United States for wheat, pursuant to the authority conferred on you by said Act, to be in force and effect on and after July 15, 1918, or until altered or modified hereafter by the Secretary of Agriculture, under the Act, superseding the official grain standards of the United States for wheat established and promulgated by you on March 31, 1917.

It is desirable that the new standards become effective not later than July 15, 1918, in order that they may be applied as nearly as possible at the beginning of the new crop movement.

Very respectfully,

CHARLES J. BRAND,  
*Chief, Bureau of Markets.*

Approved:

WM. M. WILLIAMS,  
*Solicitor.*

**ORDER ESTABLISHING OFFICIAL GRAIN STANDARDS OF THE  
UNITED STATES FOR WHEAT.**

Pursuant to the authority vested in the Secretary of Agriculture by the United States grain standards Act, approved August 11, 1916 (39 U. S. Statutes at Large, page 482), I, David F. Houston, Secretary of Agriculture, do hereby fix, establish, promulgate, and give public notice of, standards of quality and condition for wheat,

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31, and 32.

<sup>2</sup> These standards for wheat and for shelled corn supersede, on July 15, 1918, those which were published in Service and Regulatory Announcements Nos. 11 and 22, respectively.



as hereinafter described, which shall become effective on the fifteenth day of July, nineteen hundred and eighteen, and shall thereupon supersede the official grain standards of the United States for wheat as promulgated by me under said Act on the thirty-first day of March, nineteen hundred and seventeen:

OFFICIAL GRAIN STANDARDS OF THE UNITED STATES FOR WHEAT.

For the purposes of the official grain standards of the United States for wheat:

SECTION 1. *Wheat*.—Any grain which, when free from dockage, contains more than ten per centum of grain of a kind or kinds other than wheat shall not be classified as wheat. The term "wheat" in these standards shall not include emmer, spelt, and einkorn.

SEC. 2. *Basis of determinations*.—Each determination of dockage, moisture, temperature, odor, onions, garlic, and live weevils or other insects injurious to stored grain shall be upon the basis of the grain including dockage. All other determinations shall be upon the basis of the grain when free from dockage.

SEC. 3. *Percentages*.—Percentages, except in the case of moisture, shall be percentages ascertained by weight.

SEC. 4. *Percentage of moisture*.—Percentage of moisture in wheat shall be that ascertained by the moisture tester and the method of use thereof described in Circular No. 72, and supplement thereto, issued by the United States Department of Agriculture, Bureau of Plant Industry, or ascertained by any device and method giving equivalent results.

SEC. 5. *Test weight per bushel*.—Test weight per bushel shall be the weight per Winchester bushel as determined by the testing apparatus and the method of use thereof described in Bulletin No. 472, dated October 30, 1916, issued by the United States Department of Agriculture, or as determined by any device and method giving equivalent results.

SEC. 6. *Dockage*.—Dockage includes sand, dirt, weed seeds, weed stems, chaff, straw, grain other than wheat, and any other foreign material, which can be removed readily from the wheat by the use of appropriate sieves, cleaning devices, or other practical means suited to separate the foreign material present; also undeveloped, shriveled, and small pieces of wheat kernels removed in properly separating the foreign material, and which cannot be recovered by properly rescreening or recleaning. The quantity of dockage shall be calculated in terms of percentage based on the total weight of the grain including the dockage. The percentage of dockage so calculated, when equal to one per centum or more, shall be stated in terms of whole per centum; and when less than one per centum shall

not be stated. A fraction of a per centum shall be disregarded. The percentage of dockage, so determined and stated, shall be added to the grade designation.

SEC. 7. *Foreign material other than dockage.*—Foreign material other than dockage shall include all matter other than wheat which is not separated from the wheat in the proper determination of dockage, except as provided in the case of smutty wheat.

SEC. 8. *Cereal grains.*—Cereal grains shall include rye, barley, emmer, spelt, einkorn, corn, grain sorghums, oats, and rice, only, and shall not include buckwheat, flaxseed, and wild oats.

SEC. 9. *Heat damaged kernels.*—Heat damaged kernels shall be kernels and pieces of kernels of wheat which have been distinctly discolored by external heat or as a result of heating caused by fermentation.

SEC. 10. *Treated wheat.*—Treated wheat shall be wheat of which more than ten per centum has been scoured, limed, washed, or treated in any similar manner.

SEC. 11. *Garlicky wheat.*—Garlicky wheat shall be all wheat which has an unmistakable odor of garlic or wild onions, or which contains garlic or wild onion bulblets in a quantity equal to one or more bulblets in one thousand grams of wheat.

SEC. 12. *Smutty wheat.*—Smutty wheat shall be all wheat which has an unmistakable odor of smut, or which contains spores, balls, or portions of balls, of smut, in excess of a quantity equal to two balls of average size in fifty grams of wheat.

#### CLASSES AND SUBCLASSES OF WHEAT.

SEC. 13. *Classes and subclasses.*—Wheat shall be divided into classes and subclasses as follows:

##### CLASS 1.

##### HARD RED SPRING.

This class shall include all varieties of hard red spring wheat, and may include not more than ten per centum of other wheat or wheats. This class shall be divided into three subclasses as follows:

##### *Dark Northern Spring.*

This subclass shall include wheat of the class Hard Red Spring consisting of seventy-five per centum or more of dark, hard, and vitreous kernels. This subclass shall not include more than ten per centum of wheat of the variety Humpback.

*Northern Spring.*

This subclass shall include wheat of the class Hard Red Spring consisting of less than seventy-five per centum and more than twenty-five per centum of dark, hard, and vitreous kernels. This subclass shall not include more than ten per centum of wheat of the variety Humpback.

*Red Spring.*

This subclass shall include wheat of the class Hard Red Spring consisting of not more than twenty-five per centum of dark, hard, and vitreous kernels. This subclass shall also include wheat of the class Hard Red Spring consisting of more than ten per centum of the variety Humpback.

## CLASS II.

## DURUM.

This class shall include all varieties of durum wheat, and may include not more than ten per centum of other wheat or wheats. This class shall be divided into three subclasses as follows:

*Amber Durum.*

This subclass shall include wheat of the class Durum consisting of seventy-five per centum or more of hard and vitreous kernels of amber color. This subclass shall not include more than ten per centum of wheat of the variety Red Durum.

*Durum.*

This subclass shall include wheat of the class Durum consisting of less than seventy-five per centum of hard and vitreous kernels of amber color. This subclass shall not include more than ten per centum of wheat of the variety Red Durum.

*Red Durum.*

This subclass shall include wheat of the class Durum consisting of more than ten per centum of the variety Red Durum.

## CLASS III.

## HARD RED WINTER.

This class shall include all varieties of hard red winter wheat, and may include not more than ten per centum of other wheat or wheats. This class shall be divided into three subclasses as follows:



*Dark Hard Winter.*

This subclass shall include wheat of the class Hard Red Winter consisting of eighty per centum or more of dark, hard, and vitreous kernels.

*Hard Winter.*

This subclass shall include wheat of the class Hard Red Winter consisting of less than eighty per centum and more than twenty-five per centum of dark, hard, and vitreous kernels.

*Yellow Hard Winter.*

This subclass shall include wheat of the class Hard Red Winter consisting of not more than twenty-five per centum of dark, hard, and vitreous kernels.

## CLASS IV.

## SOFT RED WINTER.

This class shall include all varieties of soft red winter wheat, also red club and red hybrid wheats of the Pacific Northwest, and may include not more than ten per centum of other wheat or wheats. This class shall be divided into two subclasses as follows:

*Red Winter.*

This subclass shall include wheat of the class Soft Red Winter consisting of both light and dark colored kernels. This subclass shall not include more than ten per centum, either singly or in any combination, of Red Russian, red clubs, red hybrids, and other soft red winter wheats possessing the characteristics of those varieties as grown west of the Great Plains area of the United States.

*Red Walla.*

This subclass shall include wheat of the class Soft Red Winter consisting of more than ten per centum, either singly or in any combination, of Red Russian, red clubs, red hybrids, and other soft red winter wheats possessing the characteristics of those varieties as grown west of the Great Plains area of the United States.

## CLASS V.

## COMMON WHITE.

This class shall include all varieties, except Sonora, of common white wheat, whether winter or spring grown, and may include not



more than ten per centum of other wheat or wheats. This class shall be divided into two subclasses as follows:

*Hard White.*

This subclass shall include wheat of the class Common White consisting of seventy-five per centum or more of hard (not soft and chalky) kernels.

*Soft White.*

This subclass shall include wheat of the class Common White consisting of less than seventy-five per centum of hard (not soft and chalky) kernels.

CLASS VI.

WHITE CLUB.

This class shall include all varieties and hybrids of white club wheat, and the common white wheat known as Sonora, and may include not more than ten per centum of other wheat or wheats.

MIXED WHEAT.

SEC. 14. *Mixed wheat.*—Mixed wheat shall be any mixture of wheat not provided for in the classes from I to VI, inclusive, defined in section 13.

GRADE REQUIREMENTS.

HARD RED SPRING WHEAT.

SEC. 15. *Grades for Hard Red Spring wheat.*—The subclasses Dark Northern Spring, Northern Spring, and Red Spring shall be divided into six grades for each subclass, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 DARK NORTHERN SPRING,

No. 1 NORTHERN SPRING, and

No. 1 RED SPRING, each, except as provided in item (g) below,

(a) shall be bright, cool and sweet,

(b) shall have a test weight per bushel of at least fifty-eight pounds,

(c) may contain not more than fourteen per centum of moisture,

(d) may contain not more than one per centum of foreign material other than dockage, which one per centum may include not more than five-tenths of one per centum of matter other than cereal grains,

- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one per centum of heat damaged kernels,
- (f) may contain not more than five per centum of wheat other than hard red spring, which five per centum may include not more than two per centum of common white, white club, and durum wheat, either singly or in any combination, and
- (g) may contain not more than five per centum of wheat of the variety Humpback in either No. 1 Dark Northern Spring or No. 1 Northern Spring.

No. 2 DARK NORTHERN SPRING,

No. 2 NORTHERN SPRING, and

No. 2 RED SPRING, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-seven pounds,
- (c) may contain not more than fourteen and one-half per centum of moisture,
- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,
- (e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and
- (f) may contain not more than five per centum of common white, white club, and durum wheat, either singly or in any combination.

No. 3 DARK NORTHERN SPRING,

No. 3 NORTHERN SPRING, and

No. 3 RED SPRING, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-five pounds,
- (c) may contain not more than fifteen per centum of moisture,
- (d) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and
- (e) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 DARK NORTHERN SPRING,

No. 4 NORTHERN SPRING, and

No. 4 RED SPRING, each,

(a) shall be cool and sweet,

(b) shall have a test weight per bushel of at least fifty-three pounds,

(c) may contain not more than sixteen per centum of moisture,

(d) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and

(e) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 DARK NORTHERN SPRING,

No. 5 NORTHERN SPRING, and

No. 5 RED SPRING, each,

(a) shall be cool, but may be musty or slightly sour,

(b) shall have a test weight per bushel of at least fifty pounds.

(c) may contain not more than sixteen per centum of moisture,

(d) may contain not more than seven per centum of foreign material other than dockage, which seven per centum may include not more than five per centum of matter other than cereal grains, and

(e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat-damaged kernels.

SAMPLE GRADE DARK NORTHERN SPRING,

SAMPLE GRADE NORTHERN SPRING, and

SAMPLE GRADE RED SPRING, each,

shall be wheat of the subclass Dark Northern Spring, or Northern Spring, or Red Spring, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### DURUM WHEAT.

SEC. 16. *Grades for Durum wheat.*—The subclasses Amber Durum, Durum, and Red Durum shall be divided into six grades for each

subclass, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 AMBER DURUM,

No. 1 DURUM, and

No. 1 RED DURUM, each, except as provided in item (g) below,

- (a) shall be bright, cool and sweet,
- (b) shall have a test weight per bushel of at least sixty pounds,
- (c) may contain not more than fourteen per centum of moisture,
- (d) may contain not more than one per centum of foreign material other than dockage, which one per centum may include not more than five-tenths of one per centum of matter other than cereal grains,
- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one per centum of heat damaged kernels,
- (f) may contain not more than five per centum of wheat other than durum, which five per centum may include not more than two per centum of common white, white club, and soft red winter wheat, either singly or in any combination, and
- (g) may contain not more than five per centum of wheat of the variety red durum in either No. 1 Amber Durum or No. 1 Durum.

No. 2 AMBER DURUM,

No. 2 DURUM, and

No. 2 RED DURUM, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-eight pounds,
- (c) may contain not more than fourteen and one-half per centum of moisture,
- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,
- (e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and



- (*f*) may contain not more than five per centum of common white, white club, and soft red winter wheat, either singly or in any combination.

No. 3 AMBER DURUM,

No. 3 DURUM, and

No. 3 RED DURUM, each,

- (*a*) shall be cool and sweet,
- (*b*) shall have a test weight per bushel of at least fifty-six pounds,
- (*c*) may contain not more than fifteen per centum of moisture,
- (*d*) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and
- (*e*) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 AMBER DURUM,

No. 4 DURUM, and

No. 4 RED DURUM, each,

- (*a*) shall be cool and sweet,
- (*b*) shall have a test weight per bushel of at least fifty-four pounds,
- (*c*) may contain not more than sixteen per centum of moisture,
- (*d*) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and
- (*e*) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 AMBER DURUM,

No. 5 DURUM, and

No. 5 RED DURUM, each,

- (*a*) shall be cool, but may be musty or slightly sour,
- (*b*) shall have a test weight per bushel of at least fifty-one pounds,
- (*c*) may contain not more than sixteen per centum of moisture,

- (d) may contain not more than seven per centum of foreign material other than dockage, which seven per centum may include not more than five per centum of matter other than cereal grains, and
- (e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat damaged kernels.

SAMPLE GRADE AMBER DURUM,  
 SAMPLE GRADE DURUM, and  
 SAMPLE GRADE RED DURUM, each,

shall be wheat of the subclass Amber Durum, or Durum, or Red Durum, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### HARD RED WINTER WHEAT.

SEC. 17. *Grades for Hard Red Winter wheat.*—The subclasses Dark Hard Winter, Hard Winter, and Yellow Hard Winter shall be divided into six grades for each subclass, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 DARK HARD WINTER,  
 No. 1 HARD WINTER, and  
 No. 1 YELLOW HARD WINTER, each,

- (a) shall be bright, cool and sweet,
- (b) shall have a test weight per bushel of at least sixty pounds,
- (c) may contain not more than thirteen and one-half per centum of moisture,
- (d) may contain not more than one per centum of foreign material other than dockage, which one per centum may include not more than five-tenths of one per centum of matter other than cereal grains,
- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one per centum of heat damaged kernels, and
- (f) may contain not more than five per centum of wheat other than hard red winter, which five per centum may include not more than two per centum of com-

mon white, white club, and durum wheat, either singly or in any combination.

No. 2 DARK HARD WINTER,

No. 2 HARD WINTER, and

No. 2 YELLOW HARD WINTER, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-eight pounds,
- (c) may contain not more than fourteen per centum of moisture,
- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,
- (e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and
- (f) may contain not more than five per centum of common white, white club, and durum wheat, either singly or in any combination.

No. 3 DARK HARD WINTER,

No. 3 HARD WINTER, and

No. 3 YELLOW HARD WINTER, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-six pounds,
- (c) may contain not more than fourteen and one-half per centum of moisture,
- (d) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and
- (e) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 DARK HARD WINTER,

No. 4 HARD WINTER, and

No. 4 YELLOW HARD WINTER, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-four pounds,
- (c) may contain not more than fifteen and one-half per centum of moisture,



- (d) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and
- (e) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 DARK HARD WINTER,

No. 5 HARD WINTER, and

No. 5 YELLOW HARD WINTER, each,

- (a) shall be cool, but may be musty or slightly sour,
- (b) shall have a test weight per bushel of at least fifty-one pounds,
- (c) may contain not more than fifteen and one-half per centum of moisture,
- (d) may contain not more than seven per centum of foreign material other than dockage, which seven per centum may include not more than five per centum of matter other than cereal grains, and
- (e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat damaged kernels.

SAMPLE GRADE DARK HARD WINTER,

SAMPLE GRADE HARD WINTER, and

SAMPLE GRADE YELLOW HARD WINTER, each,

shall be wheat of the subclass Dark Hard Winter, or Hard Winter, or Yellow Hard Winter, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### SOFT RED WINTER WHEAT.

SEC. 18. *Grades for Soft Red Winter wheat.*—The subclasses Red Winter and Red Walla shall be divided into six grades for each subclass, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 RED WINTER and

No. 1 RED WALLA, each, except as provided in item (b) below,

- (a) shall be bright, cool and sweet,



- (b) shall have a test weight per bushel of at least sixty pounds for No. 1 Red Winter and fifty-eight pounds for No. 1 Red Walla,
- (c) may contain not more than thirteen and one-half per centum of moisture,
- (d) may contain not more than one per centum of foreign material other than dockage, which one per centum may include not more than five-tenths of one per centum of matter other than cereal grains,
- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one per centum of heat damaged kernels, and
- (f) may contain not more than five per centum of wheat other than soft red winter, which five per centum may include not more than two per centum of durum wheat.

No. 2 RED WINTER and

No. 2 RED WALLA, each, except as provided in item (b) below,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-eight pounds for No. 2 Red Winter and fifty-six pounds for No. 2 Red Walla,
- (c) may contain not more than fourteen per centum of moisture,
- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,
- (e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and
- (f) may contain not more than three per centum of durum wheat.

No. 3 RED WINTER and

No. 3 RED WALLA, each, except as provided in item (b) below,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-six pounds for No. 3 Red Winter and fifty-four pounds for No. 3 Red Walla,
- (c) may contain not more than fourteen and one-half per centum of moisture,

- (d) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and
- (e) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 RED WINTER and

No. 4 RED WALLA, each, except as provided in item (b) below,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-four pounds for No. 4 Red Winter and fifty-two pounds for No. 4 Red Walla,
- (c) may contain not more than fifteen and one-half per centum of moisture,
- (d) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and
- (e) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 RED WINTER and

No. 5 RED WALLA, each, except as provided in item (b) below,

- (a) shall be cool, but may be musty or slightly sour,
- (b) shall have a test weight per bushel of at least fifty-one pounds for No. 5 Red Winter and forty-nine pounds for No. 5 Red Walla,
- (c) may contain not more than fifteen and one-half per centum of moisture,
- (d) may contain not more than seven per centum of foreign material other than dockage, which seven per centum may include not more than five per centum of matter other than cereal grains, and
- (e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat damaged kernels.

SAMPLE GRADE RED WINTER and

SAMPLE GRADE RED WALLA, each,

shall be wheat of the subclass Red Winter or Red Walla, respectively, which does not come within the require-

ments of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### COMMON WHITE WHEAT.

SEC. 19. *Grades for Common White wheat.*—The subclasses Hard White and Soft White shall be divided into six grades for each subclass, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 HARD WHITE and

No. 1 SOFT WHITE, each,

- (a) shall be bright, cool and sweet,
- (b) shall have a test weight per bushel of at least sixty pounds,
- (c) may contain not more than thirteen and one-half per centum of moisture,
- (d) may contain not more than one per centum of foreign material other than dockage, which one per centum may include not more than five-tenths of one per centum of matter other than cereal grains,
- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one per centum of heat damaged kernels, and
- (f) may contain not more than five per centum of wheat, including Sonora, other than common white, which five per centum may include not more than two per centum of durum wheat.

No. 2 HARD WHITE and

No. 2 SOFT WHITE, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-eight pounds,
- (c) may contain not more than fourteen per centum of moisture,
- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,



(e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and

(f) may contain not more than three per centum of durum wheat.

No. 3 HARD WHITE and

No. 3 SOFT WHITE, each,

(a) shall be cool and sweet,

(b) shall have a test weight per bushel of at least fifty-six pounds,

(c) may contain not more than fourteen and one-half per centum of moisture,

(d) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and

(e) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 HARD WHITE and

No. 4 SOFT WHITE, each,

(a) shall be cool and sweet,

(b) shall have a test weight per bushel of at least fifty-four pounds,

(c) may contain not more than fifteen and one-half per centum of moisture,

(d) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and

(e) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 HARD WHITE and

No. 5 SOFT WHITE, each,

(a) shall be cool, but may be musty or slightly sour,

(b) shall have a test weight per bushel of at least fifty-one pounds,

(c) may contain not more than fifteen and one-half per centum of moisture,

(d) may contain not more than seven per centum of foreign material other than dockage, which seven per



- centum may include not more than five per centum of matter other than cereal grains, and
- (e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat damaged kernels.

SAMPLE GRADE HARD WHITE and

SAMPLE GRADE SOFT WHITE, each,

shall be wheat of the subclass Hard White or Soft White, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### WHITE CLUB WHEAT.

SEC. 20. *Grades for White Club wheat.*—The class White Club shall be divided into six grades, the designations and requirements of which, respectively, shall be as specified in this section.

##### No. 1 WHITE CLUB

- (a) shall be bright, cool and sweet,
- (b) shall have a test weight per bushel of at least sixty pounds,
- (c) may contain not more than thirteen and one-half per centum of moisture,
- (d) may contain not more than one per centum of foreign odor except of smut, garlic, or wild onions, or is centum may include not more than five-tenths of one per centum of matter other than cereal grains,
- (e) may contain not more than two per centum of damaged kernels, which may include not more than one-tenth of one percentum of heat damaged kernels, and
- (f) may contain not more than five per centum of wheat other than white club and Sonora, which five per centum may include not more than two per centum of durum wheat.

##### No. 2 WHITE CLUB

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-eight pounds,
- (c) may contain not more than fourteen per centum of moisture,

- (d) may contain not more than two per centum of foreign material other than dockage, which two per centum may include not more than one per centum of matter other than cereal grains,
- (e) may contain not more than four per centum of damaged kernels, which may include not more than two-tenths of one per centum of heat damaged kernels, and
- (f) may contain not more than three per centum of durum wheat.

No. 3 WHITE CLUB

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-six pounds,
- (c) may contain not more than fourteen and one-half per centum of moisture,
- (d) may contain not more than three per centum of foreign material other than dockage, which three per centum may include not more than two per centum of matter other than cereal grains, and
- (e) may contain not more than seven per centum of damaged kernels, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 4 WHITE CLUB

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-four pounds,
- (c) may contain not more than fifteen and one-half per centum of moisture,
- (d) may contain not more than five per centum of foreign material other than dockage, which five per centum may include not more than three per centum of matter other than cereal grains, and
- (e) may contain not more than ten per centum of damaged kernels, which may include not more than one per centum of heat damaged kernels.

No. 5 WHITE CLUB

- (a) shall be cool, but may be musty or slightly sour,
- (b) shall have a test weight per bushel of at least fifty-one pounds,
- (c) may contain not more than fifteen and one-half per centum of moisture,

- (d) may contain not more than seven per centum of foreign material other than dockage, which seven per centum may include not more than five per centum of matter other than cereal grains, and
- (e) may contain not more than fifteen per centum of damaged kernels, which may include not more than three per centum of heat damaged kernels.

#### SAMPLE GRADE WHITE CLUB

shall be wheat of the class White Club which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

#### MIXED WHEAT.

SEC. 21. *Grades for Mixed wheat.*—Mixed wheat shall be graded according to each of the grade requirements common to all of the subclasses of the class of the wheat which predominates over each other class in the mixture, except that (1) all of the grade requirements in any subclass as to the maximum percentage of other wheat or other varieties of wheat shall be disregarded, and (2) when soft red winter wheat so predominates, the grade requirements as to test weight per bushel shall be those of the subclass Red Winter. The grade designation of mixed wheat shall include, successively, in the order named, the number of the grade or the words "Sample Grade," as the case may be, the word "Mixed," and, in the order of its predominance, the name and approximate percentage of each class of wheat which constitutes ten per centum or more of the mixture, but if only one class exceeds ten per centum of the mixture, the name and approximate percentage of that class shall be added to the grade designation followed by the name and approximate percentage of at least one other class.

#### TREATED WHEAT.

SEC. 22. *Grades for Treated wheat.*—Treated wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not treated, and there shall be added to, and made a part of, its grade designation a statement indicating the kind of treatment.

#### GARLICKY WHEAT.

SEC. 23. *Grades for Garlicky wheat.*—Garlicky wheat shall be graded and designated according to the grade requirements of the



standard applicable to such wheat if it were not garlicky, and there shall be added to, and made a part of, its grade designation the word "Garlicky."

#### SMUTTY WHEAT.

SEC. 24. *Grades for Smutty wheat.*—Smutty wheat shall be graded and designated according to the method described either in paragraph (a) or paragraph (b) of this section.

(a) Before the determination of smut dockage as provided in this paragraph, the wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not smutty, except that smut balls shall not be considered as foreign material other than dockage. The loss in weight caused by the removal of smut from the wheat shall be ascertained by scouring, washing, or otherwise, and shall be calculated in terms of percentage based on the total weight of the grain free from dockage. The percentage so calculated shall be stated in terms of whole per centum and half per centum. A fraction of a per centum when equal to, or greater than, a half shall be treated as a half, and when less than a half shall be disregarded. The percentage of the "smut dockage," so calculated and stated, shall be added to the grade designation preceding the statement of dockage, if any.

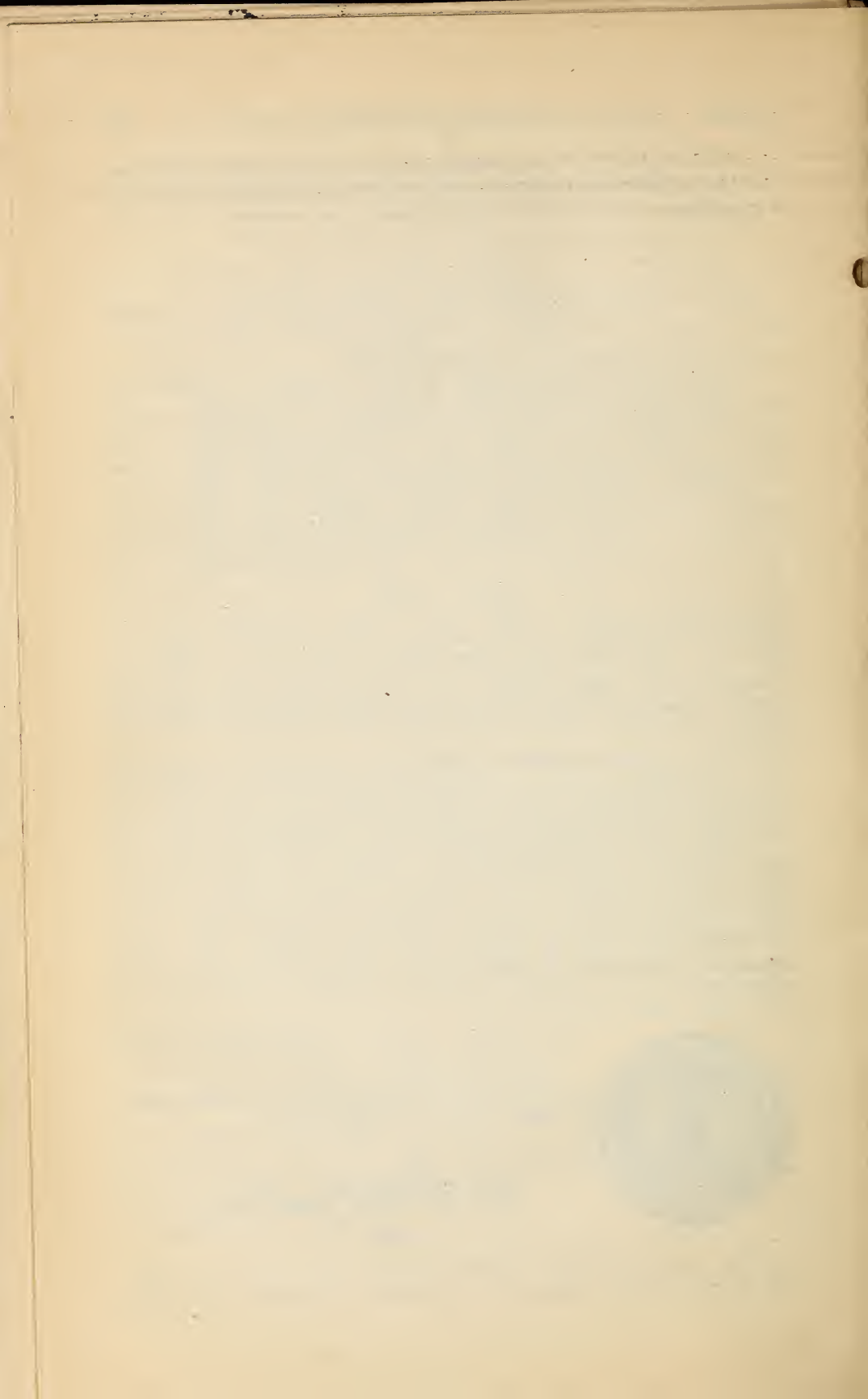
(b) Smutty wheat shall be graded and designated according to the grade requirements of the standard applicable to such wheat if it were not smutty, except that (1) smut balls shall not be considered as foreign material other than dockage, and (2) when the amount of smut present is so great that any one or more of the grade requirements of the grades from No. 1 to No. 5, inclusive, can not be applied accurately, the wheat shall be classified as Sample Grade. For all grades there shall be added to and made a part of the grade designation, preceding the statement of dockage, if any, the word "smutty."



In testimony whereof I have hereunto set my hand and caused the official seal of the Department of Agriculture to be affixed, this thirteenth day of April, 1918.

*D. A. Houston*  
Secretary of Agriculture.





## OFFICIAL GRAIN STANDARDS OF THE UNITED STATES FOR SHELLED CORN.

APRIL 9, 1918.

Hon. D. F. HOUSTON,  
*Secretary of Agriculture.*

SIR: I have the honor to transmit herewith draft of an order fixing, establishing, promulgating, and giving public notice of, the official grain standards of the United States for shelled corn under the United States grain standards Act of August 11, 1916 (39 U. S. Statutes at Large, 482). It is recommended that they be fixed, established, promulgated, and published as the official grain standards of the United States for shelled corn, pursuant to the authority conferred on you by said Act, to be in force and effect on and after July 15, 1918, or until altered or modified hereafter by the Secretary of Agriculture, under the Act, superseding the official grain standards of the United States for shelled corn established and promulgated by you on September 1, 1916.

Very respectfully,

CHARLES J. BRAND,  
*Chief, Bureau of Markets.*

Approved:

WM. M. WILLIAMS,  
*Solicitor.*

### ORDER ESTABLISHING OFFICIAL GRAIN STANDARDS OF THE UNITED STATES FOR SHELLED CORN.

Pursuant to the authority vested in the Secretary of Agriculture by the United States grain standards Act, approved August 11, 1916 (39 U. S. Statutes at Large, page 482), I, David F. Houston, Secretary of Agriculture, do hereby fix, establish, promulgate, and give public notice of, standards of quality and condition for shelled corn, as hereinafter described, which shall become effective on the fifteenth day of July, nineteen hundred and eighteen, and shall thereupon supersede the official grain standards of the United States for shelled corn as promulgated by me under said Act on the first day of September, nineteen hundred and sixteen.

## OFFICIAL GRAIN STANDARDS OF THE UNITED STATES FOR SHELLED CORN.

For the purposes of the official grain standards of the United States for shelled corn (maize):

SECTION 1. *Corn*.—Corn shall be shell corn of the flint or dent varieties.

SEC. 2. *Basis of determinations*.—Each determination of color, damage, and heat damage shall be upon the basis of the grain after the removal of foreign material and cracked corn as provided in section 6. All other determinations shall be upon the basis of the grain including such foreign material and cracked corn.

SEC. 3. *Percentages*.—Percentages, except in the case of moisture, shall be percentages ascertained by weight.

SEC. 4. *Percentage of moisture*.—Percentage of moisture in corn shall be that ascertained by the moisture tester and the method of use thereof described in Circular No. 72, and supplement thereto, issued by the United States Department of Agriculture, Bureau of Plant Industry, or ascertained by any device and method giving equivalent results.

SEC. 5. *Test weight per bushel*.—Test weight per bushel shall be the weight per Winchester bushel as determined by the testing apparatus and the method of use thereof described in Bulletin No. 472, dated October 30, 1916, issued by the United States Department of Agriculture, or as determined by any device and method giving equivalent results.

SEC. 6. *Foreign material and cracked corn*.—Foreign material and cracked corn shall be kernels and pieces of kernels of corn, and all matter other than corn, which will pass through a metal sieve perforated with round holes fourteen sixty-fourths of an inch in diameter, and all matter other than corn remaining on such sieve after screening.

SEC. 7. *Heat damaged kernels*.—Heat damaged kernels shall be kernels and pieces of kernels of corn which have been distinctly discolored by external heat or as a result of heating caused by fermentation.

## CLASSES OF SHELLED CORN.

SEC. 8. *Classes*.—Shelled corn shall be divided into three classes as follows:

## WHITE CORN.

This class shall consist of corn of which at least ninety-eight per centum by weight of the kernels are white. A slight tinge of light straw color or of pink on kernels of corn otherwise white shall not affect their classification as white corn.

## YELLOW CORN.

This class shall consist of corn of which at least ninety-five per centum by weight of the kernels are yellow. A slight tinge of red on kernels of corn otherwise yellow shall not affect their classification as yellow corn.

## MIXED CORN.

This class shall consist of corn of various colors not coming within the limits for color as provided in the definitions of white corn and yellow corn. White capped yellow kernels shall be classified as mixed corn.

## GRADE REQUIREMENTS.

SEC. 9. *Grades for White, Yellow, and Mixed corn.*—The classes White corn, Yellow corn, and Mixed corn shall be divided into seven grades for each class, the designations and requirements of which, respectively, shall be as specified in this section.

No. 1 WHITE,

No. 1 YELLOW, and

No. 1 MIXED, each,

(a) shall be cool and sweet,

(b) shall have a test weight per bushel of at least fifty-five pounds,

(c) may contain not more than fourteen per centum of moisture,

(d) may contain not more than two per centum of foreign material and cracked corn, and

(e) may contain not more than two per centum of damaged corn and no heat damaged kernels.

No. 2 WHITE,

No. 2 YELLOW, and

No. 2 MIXED, each,

(a) shall be cool and sweet,

(b) shall have a test weight per bushel of at least fifty-three pounds,

(c) may contain not more than fifteen and one-half per centum of moisture,

(d) may contain not more than three per centum of foreign material and cracked corn, and

(e) may contain not more than four per centum of damaged corn, which may include not more than one-tenth of one per centum of heat damaged kernels.

No. 3 WHITE,

No. 3 YELLOW, and



No. 3 MIXED, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least fifty-one pounds,
- (c) may contain not more than seventeen and one-half per centum of moisture,
- (d) may contain not more than four per centum of foreign material and cracked corn, and
- (e) may contain not more than six per centum of damaged corn, which may include not more than three-tenths of one per centum of heat damaged kernels.

No. 4 WHITE,

No. 4 YELLOW, and

No. 4 MIXED, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least forty-nine pounds,
- (c) may contain not more than nineteen and one-half per centum of moisture,
- (d) may contain not more than five per centum of foreign material and cracked corn, and
- (e) may contain not more than eight per centum of damaged corn, which may include not more than five-tenths of one per centum of heat damaged kernels.

No. 5 WHITE,

No. 5 YELLOW, and

No. 5 MIXED, each,

- (a) shall be cool and sweet,
- (b) shall have a test weight per bushel of at least forty-seven pounds,
- (c) may contain not more than twenty-one and one-half per centum of moisture,
- (d) may contain not more than six per centum of foreign material and cracked corn, and
- (e) may contain not more than ten per centum of damaged corn, which may include not more than one per centum of heat damaged kernels.

No. 6 WHITE,

No. 6 YELLOW, and

No. 6 MIXED, each,

- (a) shall be cool, but may be musty or sour,
- (b) shall have a test weight per bushel of at least forty-four pounds,
- (c) may contain not more than twenty-three per centum of moisture,

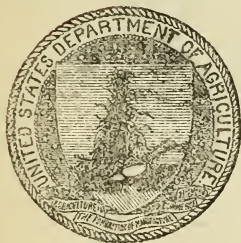
- (d) may contain not more than seven per centum of foreign material and cracked corn, and
- (e) may contain not more than fifteen per centum of damaged corn, which may include not more than three per centum of heat damaged kernels.

SAMPLE GRADE WHITE,

SAMPLE GRADE YELLOW, and

SAMPLE GRADE MIXED, each,

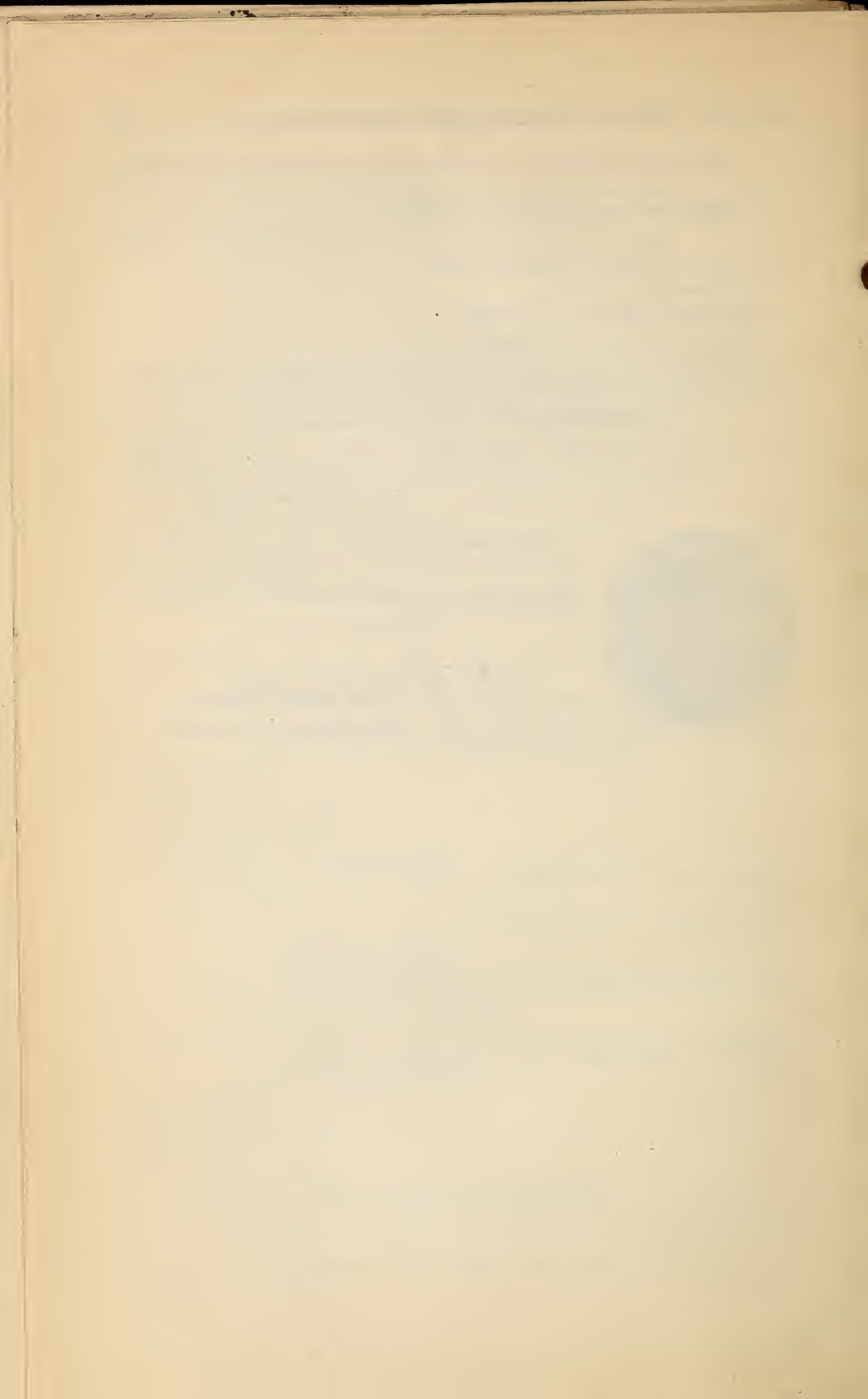
shall be White corn, or Yellow corn, or Mixed corn, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 6, inclusive, or which has any commercially objectionable foreign odor, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality.



In testimony whereof I have hereunto set my hand and caused the official seal of the Department of Agriculture to be affixed, this 13th day of April, 1918.

*D. F. Houston*

*Secretary of Agriculture.*



# APPENDIX A.

Sections 15 to 20, inclusive, of the official grain standards of the United States for wheat, tabulated and abridged. (See Note.)

[The numbered footnotes below must be read in connection with the tabulation.]

Grade No.	Minimum limits of test weight per bushel.			Maximum limits of—						
				Moisture.		Damaged kernels.		Foreign material other than dockage.		Wheats of other classes.
	Class Hard Red Spring.	Classes Durum, Hard Red Winter, Common White, and White Club; and subclass Red Winter.	Sub-class Red Walla.	Classes Hard Red Spring and Durum.	Classes Hard Red Winter, Soft Red Winter, Common White, and White Club.	Total.	Heat damage.	Total.	Matter other than cereal grains.	Total.
	Lbs.	Lbs.	Lbs.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1.....	58	60	58	14.0	13.5	2	0.1	1	0.5	5
2.....	57	58	56	14.5	14.0	4	0.2	2	1.0	10
3.....	55	56	54	15.0	14.5	7	0.5	3	2.0	10
4.....	53	54	52	16.0	15.5	10	1.0	5	3.0	10
5.....	50	51	49	16.0	15.5	15	3.0	7	5.0	10
Sam- ple*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

\**Sample Grade.*—Shall be wheat of the appropriate subclass which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor, except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

- (1) The wheat in grade No. 1 shall be bright.
- (2) The wheat in grades Nos. 1 to 4, inclusive, shall be cool and sweet.
- (3) The wheat in grade No. 5 shall be cool, but may be musty or slightly sour.
- (4) The wheat in grade No. 1 Dark Northern Spring and grade No. 1 Northern Spring may contain not more than 5 per centum of the hard red spring wheat variety Humpback.
- (5) The wheat in grade No. 1 Amber Durum and grade No. 1 Durum may contain not more than 5 per centum of the durum wheat variety Red Durum.
- (6) For each of the subclasses of the class Durum, grade No. 1 and grade No. 2, may contain not more than 2 per centum and 5 per centum, respectively, of soft red winter, common white, and white club wheat, either singly or in any combination.
- (7) For each of the subclasses of the classes Hard Red Spring and Hard Red Winter, grade No. 1 and grade No. 2, may contain not more than 2 per centum and 5 per centum, respectively, of common white, white club, and durum wheat, either singly or in any combination.
- (8) For each of the subclasses of the classes Soft Red Winter, Common White, and White Club, grade No. 1 and grade No. 2, may contain not more than 2 per centum and 3 per centum, respectively, of durum wheat.

**NOTE.**—For grades for Mixed wheat, Treated wheat, Garlicky wheat, and Smutty wheat see sections Nos. 21, 22, 23, and 24, respectively, of the official grain standards of the United States for wheat.

The above tabulation does not constitute in whole the official grain standards of the United States for wheat.



## APPENDIX B.

*Section 9 of the official grain standards of the United States for shelled corn, tabulated and abridged. (See Note.)*

Grade No.	Minimum test weight per bushel.	Maximum limits of—			
		Moisture.	Foreign material and cracked corn.	Damaged kernels.	
				Total.	Heat damage.
	<i>Pounds.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1.....	55	14.0	2	2	0.0
2.....	53	15.5	3	4	0.1
3.....	51	17.5	4	6	0.3
4.....	49	19.5	5	8	0.5
5.....	47	21.5	6	10	1.0
6.....	44	23.0	7	15	3.0
Sample*.....					

*Sample Grade.\**—Shall be White corn, or Yellow corn, or Mixed corn, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 6, inclusive, or which has any commercially objectionable foreign odor, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality.

(1) The corn in grades Nos. 1 to 5, inclusive, shall be cool and sweet.

(2) The corn in grade No. 6 shall be cool but may be musty or sour.

NOTE.—The above tabulation does not constitute in whole the official grain standards of the United States for shelled corn.













# United States Department of Agriculture,

BUREAU OF MARKETS,

CHARLES J. BRAND, CHIEF.

## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 34.<sup>1</sup>

### HAVE THE FARMERS BEEN GIVEN A SQUARE DEAL IN THE FEDERAL STANDARDS FOR HARD RED SPRING WHEAT?

#### COPY OF A LETTER TO THE COMMISSIONER OF AGRICULTURE OF THE STATE OF NORTH DAKOTA.

UNITED STATES DEPARTMENT OF AGRICULTURE,  
BUREAU OF MARKETS,

*Washington, D. C., May 16, 1918.*

Upon reading again your letter of April 22, I feel that several paragraphs therein have not been sufficiently nor comprehensively answered in my reply of May 6.

(1) You state:

"I must say that they (the standards) are not what the Dakota farmers were led to expect from the tentative grades as submitted by your department some time ago."

I regret that the farmers of North Dakota, or any other farmers, were led to expect any particular standards. The tentative standards in Service and Regulatory Announcements No. 32 were issued for the purpose of affording a basis for discussion at public hearings therein announced, and to serve as a basis for suggestions to be received by mail. The department at no time prior to the actual promulgation of the standards made any statement, either directly or indirectly, to any one individual or group of individuals, giving advance information as to the requirements of the amended standards. These were arrived at only after expert and thoroughly impartial consideration of all the facts and statements in the possession of the department. It would seem, therefore, that any one who wittingly or unwittingly led the farmers to expect any particular standards had assumed a responsibility which doubtless will result in some misunderstandings. The department will aid willingly in the correction of any such understandings which might exist, but it hopes that your fears will prove to be unwarranted.

(2) You state:

"(The farmer) will be sadly disappointed upon marketing his wheat, to find that his first-class wheat

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 33.

will be graded down from the fact that it contains a small percentage of rye or barley, thereby losing a few cents on every bushel produced, and the disappointment will be all the more bitter because the flour made from such wheat will not be graded down."

I believe that my letter of May 6 covered this point, since it pointed out that the percentage of rye, barley, or other cereal grains permitted in grades No. 1 and No. 2 has been increased 100 per cent and in grade No. 3, 50 per cent. When you realize that the average amount of rye admixture in all samples of all grades of Hard Red Spring wheat examined by the department in the six years from 1911 to 1916, inclusive, was only one-tenth of 1 per cent, you will agree that permitting as much as 1 per cent in No. 1, 2 per cent in No. 2, 3 per cent in No. 3, 5 per cent in No. 4, and 7 per cent in No. 5 is a very generous allowance, and may prove, under normal marketing conditions, to be unsatisfactory to the great majority of our farmers who have no rye, or practically no rye, in their wheat. The presence of rye, even in small percentages, influences adversely the milling value of the wheat. In order to counteract this adverse effect, in the manufacture of wheat flour, wheat with relatively small amounts of rye is often mixed with wheat with no rye in such proportions as to dilute the mixture to the point where the rye will not affect seriously the quality of the flour produced therefrom.

If a relatively large amount of rye were permitted in the higher grades of wheat a strong inducement is offered to mix rye in all wheat at the terminal markets and at many country elevators, to the full amount permitted by the grades, whenever rye is cheaper than wheat, as is usually the case. By permitting such practices the farmer who grows and markets wheat with little or no rye in it, will be obliged to sell it on the same basis as the wheat mixed with rye. This would mean a discount to the many farmers who produce pure wheat in order to benefit the relatively few farmers who produce wheat with rye mixture. I feel sure you do not think this would be fair or desirable.

(3) You raise the question:

"I also fear that the wheat producers believe that they have not received a fair deal in the grading."

This question can be answered best, perhaps, by a brief summary of the experience with the Federal standards during the past year. It may be itemized as follows:

(a) You will recall that in order to make the grades reflect fairly and sympathetically the milling values of the various qualities of Hard Red Spring wheat, three subclasses were established as follows:

Dark Northern Spring, 85% or more of dark, hard kernels;  
Northern Spring, between 25% and 85% of dark, hard kernels;  
Red Spring, 25% or less of dark, hard kernels.

In addition a separate subclass was established to provide justly for the classification of Red Spring Humpback wheat.

The price relationships of these subclasses and the numerical grades one, two, three, and four, established by the United States Food Administration for the Minneapolis market were as follows:

Numerical grades.	Subclasses.			
	Dark Northern Spring.	Northern Spring.	Red Spring.	Humpback.
No. 1.....	\$2. 21	\$2. 17	\$2. 15	\$2. 07
No. 2.....	2. 18	2. 14	2. 12	2. 04
No. 3.....	2. 15	2. 11	2. 09	2. 01
No. 4.....	2. 11	2. 07	2. 05	1. 97

(b) Amount of wheat falling into subclasses:

A total of 75,563 car-lot inspections of Hard Red Spring wheat of all subclasses were made by licensed inspectors under the present standards from August 1, 1917, to March 1, 1918, as follows:

Dark Northern Spring.....	27, 693 cars, or	36. 65 %
Northern Spring.....	44, 239 cars, or	58. 55 %
Red Spring.....	3, 177 cars, or	4. 20 %
Red Spring Humpback.....	454 cars, or	. 60 %
Total.....	75, 563 cars,	100. 00 %

(c) Dark Northern Spring a premium subclass:

The Federal standards recognize important distinctions in quality as between subclasses which were not so recognized in the old Minnesota standards. Thus Dark Northern Spring with its series of six grades is constituted a premium subclass as compared with Northern Spring, and thereby furnishes a basis for the payment of correspondingly higher prices for the respective grades of the superior subclass. On the other hand, the old Minnesota standards recognized only one grade, No. 1 Hard Spring, which might be used as a basis for a premium over the grades of the old northern subclass.

Every bushel of wheat graded Dark Northern Spring under the Federal standards was entitled for its grade, under fixed price regulations, to a premium of 4 cents per bushel over the corresponding grade in the Northern Spring subclass, upon the No. 1 of which the basic price of \$2.20 for Chicago and \$2.17 for Minneapolis was fixed. Of the 75,563 cars inspected, 27,693, or 36.65 per cent, were graded Dark Northern Spring and were entitled to this premium of 4 cents per bushel. [Price differentials are shown on page 3.]



## Of the 27,693 cars of Dark Northern Spring—

16,688 cars, or 60.26%,	graded No. 1 Dark Northern Spring.
7,228 cars, or 26.10%,	graded No. 2 Dark Northern Spring.
2,120 cars, or 7.66%,	graded No. 3 Dark Northern Spring.
878 cars, or 3.17%,	graded No. 4 Dark Northern Spring.
188 cars, or 0.68%,	graded No. 5 Dark Northern Spring.
591 cars, or 2.13%,	graded Sample grade.

Had the old Minnesota grades been in existence and had No. 1 Northern of those grades been the basis of the fixed price, only the wheat grading No. 1 Hard would have been entitled to a premium.

(d) Premium grade under old Minnesota standards:

Before the establishment of Federal standards very little recognition was given to the premium wheat produced in the spring wheat territory. This statement is illustrated by the following table, showing the percentage of Hard Red Spring wheat inspected by the Minnesota State Inspection Department, as recorded in the annual inspection reports, which graded No. 1 Hard:

Crop year 1911—only	0.3% graded No. 1 Hard	Under old Minnesota grades.
Crop year 1912—only	1.7% graded No. 1 Hard	
Crop year 1913—	18.0% graded No. 1 Hard	
Crop year 1914—only	1.1% graded No. 1 Hard	
Crop year 1915—only	6.5% graded No. 1 Hard	
Crop year 1916—only	5.1% graded No. 1 Hard	

Under Federal standards, reports of licensed inspectors for the crop of 1917 showed that 36.65 per cent of the Hard Red Spring wheat graded Dark Northern Spring, as follows:

22.08% graded No. 1	Under Federal grades.
9.57% graded No. 2	
2.81% graded No. 3	
1.16% graded No. 4	
.25% graded No. 5	
.78% graded Sample grade.	

Total, 36.65% graded Dark Northern Spring.

The application of the Federal standards has brought about a recognition of the hard, Dark Northern type of spring wheat during the past year which did not exist in the past to such a degree.

(e) No. 2 Northern, the contract grade:

Prior to the establishment of the Federal standards, the grain trade has commonly used grade No. 2, except in the class Hard Red Spring, as the contract grade. In the Hard Red Spring class under the old Minnesota standards, No. 1 Northern Spring was the contract grade. The Federal standards now in force were so framed that the grain trade has substituted No. 2 Northern Spring as the contract grade, so that grade No. 2 has been adopted generally as the contract grade. Market quotations have been based on the contract grade and, therefore, when the old Minnesota standards were in effect, No. 1 Northern Spring served as the basis of such quotations, whereas, when the Federal standards became effective, No. 2 Northern Spring was adopted as the basis of market quotations.

The practical identity of No. 1 Northern under the old Minnesota standards and No. 2 Northern of the Federal standards can best be shown as follows:

Standard.	Grade.	Test weight per bushel.	Inseparable foreign material.		Dark, hard kernels.
			Total.	Wild peas, king-head, etc.	
Federal. ....	No. 2 Northern Spring.....	Lbs. 57	P. ct. 1. 0	P. ct. 0. 5	<i>Per cent.</i> Over 25 but under 85.
Minnesota.....	No. 1 Northern Spring.....	57	1. 0	0. 5	Less than 75.

Of the 75,563 cars of Hard Red Spring wheat inspected, 44,239 cars, or 58.55 per cent were graded Northern Spring. Of the Northern Spring, 70.86 per cent graded contract grade or better, as indicated in the following table:

17,608 cars, or 39.81%, graded No. 1.  
 13,736 cars, or 31.05%, graded No. 2.  
 5,042 cars, or 11.39%, graded No. 3.  
 3,378 cars, or 8.54%, graded No. 4.  
 1,525 cars, or 3.45%, graded No. 5.  
 2,550 cars, or 5.76%, graded Sample grade.

(f) Premium grades under Federal, as compared with premium grades under old Minnesota standards:

This comparison may be made by summarizing the inspections of Hard Red Spring wheat under Federal standards during the past year.

35,225 cars, or 46.62%, graded No. 1 of all subclasses.  
 21,995 cars, or 29.11%, graded No. 2 of all subclasses.  
 7,803 cars, or 10.33%, graded No. 3 of all subclasses.  
 5,151 cars, or 6.81%, graded No. 4 of all subclasses.  
 1,889 cars, or 2.50%, graded No. 5 of all subclasses.  
 3,500 cars, or 4.63%, graded Sample grade of all subclasses.

75,563

Inasmuch as No. 2 Northern Spring of the Federal standards is the substantial equivalent of No. 1 Northern Spring under the old Minnesota grades, it will be seen that 57,220 cars, or 75.73 per cent, were of a grade equal to or higher than the old No. 1 Northern Spring. The six-year average on the crops of 1911 to 1916, inclusive, of wheat grading No. 1 Northern Spring or better under the old Minnesota grades is only 43.53 per cent and the highest for any year during this period, which was the crop grown in 1913, was 70.5 per cent. The matter may be tabulated as follows:

*Contract grade or better.*

Old Minnesota grades..... 43.53% (1911-1916).  
 Federal grades..... 75.73% (1917).

(g) Money value of premium grades:

Under the fixed price regulations a definite premium is provided, which may be tabulated as follows, when compared with the price of

the commercial contract grade, corresponding with the former Minnesota No. 1 Northern:

FEDERAL STANDARDS.	OLD MINNESOTA STANDARDS.
<i>Premium Grades.</i>	<i>Premium Grade.</i>
No. 1 Dark Northern Spring, 7 cents over contract.	No. 1 Hard Spring.
No. 2 Dark Northern Spring, 4 cents over contract.	
No. 3 Dark Northern Spring, 1 cent over contract.	
No. 1 Northern Spring, 3 cents over contract.	
No. 1 Red Spring, 1 cent over contract.	
<i>Commercial contract grade.</i>	<i>Commercial contract grade.</i>
No. 2 Northern Spring, \$2.14 cents.	No. 1 Northern Spring.

Inspections of car lots of Hard Red Spring wheat entitled to premiums, 1917-1918:

No. 1 Dark Northern Spring....	16,688 cars, 7 cents premium above contract.
No. 2 Dark Northern Spring....	7,228 cars, 4 cents premium above contract.
No. 3 Dark Northern Spring....	2,120 cars, 1 cent premium above contract.
No. 1 Northern Spring.....	17,608 cars, 3 cents premium above contract.
No. 1 Red Spring.....	880 cars, 1 cent premium above contract.

Total premium cars..... 44,524 cars.

Thus 44,524 cars, or 58.87 per cent of the total of 75,563 cars, were entitled to a premium varying from 1 to 7 cents above the price applied to the commercial contract grade No. 2 Northern, which, as has been pointed out, is the substantial equivalent of No. 1 Northern under the old Minnesota grades.

(h) Spread in price under old Minnesota grades:

Under fixed price regulations in which a specific price is fixed for each grade that price prevails for all grain falling within one grade. If the old Minnesota grades had been in effect it would mean that all grain classed as No. 1 Northern Spring would have brought the price fixed for that grade, regardless of the fact that under competitive marketing conditions a range of price of as much as 17 cents has occurred, as shown by the following figures, taken from the Minneapolis Daily Record for the Minneapolis market:

*Variation in spread within No. 1 Northern during 1915.*

Month.	Largest daily spread.	Month.	Largest daily spread.
	<i>Cents.</i>		<i>Cents.</i>
January.....	5.5	July.....	16.0
February.....	5.0	August.....	17.0
March.....	4.0	September.....	11.0
April.....	4.0	October.....	7.0
May.....	6.5	November.....	3.0
June.....	12.0	December.....	3.0

[This table shows that, on the same day, in the same market and for the same grade, namely, old No. 1 Northern, the price varied as much as 17 cents per bushel.]



Under the amended price regulations of the Food Administration Grain Corporation of December 3, 1917, a flat price is applied to grades No. 1 and No. 2; for all other numerical grades fixed ranges of price are prescribed for each grade.

(i) Grades at country elevators:

It has been stated repeatedly that, while a high percentage of wheat graded No. 1 at inspection points, the farmer did not receive the benefit of the high grade. In fact, it was stated that country elevators followed a practice of undergrading in order to protect themselves. A thorough investigation of grain-market practices has been in progress for a number of months conducted jointly by the Department and the Federal Trade Commission. Among the data secured in the spring wheat territory are facts showing that the percentage of grain grading No. 1 at the country elevators during 1917-18 is higher than at the inspection points.

The foregoing items, (a) to (i), appear to answer the fear that the producers have not received a fair deal in the grading.

(4) You state further:

"I \* \* \* further believe they (the farmers) are entitled to a representation with a voice whenever the grades are changed or fixed."

I thoroughly agree with you, and I can not refrain from expressing surprise at your implication that the farmers have not been represented and have not had a voice in the matter of changing the standards. The department took special steps to provide producers an opportunity to present their views and recommendations with respect to changes in the standards. More than 20 public hearings were held throughout the United States for the express purpose of giving an opportunity for persons interested to present their recommendations. Farmers ranging in number from less than a dozen to two or three hundred attended each of these meetings, which were so placed throughout the wheat-producing area of the United States as to make it relatively easy and inexpensive for them to attend. At a number of the hearings farmers or their representatives led the discussions. Also a great many took advantage of the invitation to present their recommendations by mail. The department's contact with farmers and their representatives has not been confined to that obtained through the hearings for the purpose of considering revised standards, but has been had through all of its various agencies which deal with the farmers interested. The primary function of the department being the advancement of agriculture, it has always considered the farmer's viewpoint and endeavored to safeguard his interests. I believe that the results of the past year's experience with the Federal standards will corroborate this statement.

(5) You state further:

"I would like to ask what influence was brought to bear to change the grades from the tentative grades, as I



believe that those interested in the production of wheat have a right to know."

For your information in this connection I quote below two paragraphs from a letter written by Mr. Julius H. Barnes, president of the Food Administration Grain Corporation, to Mr. Herbert Hoover, the Food Administrator:

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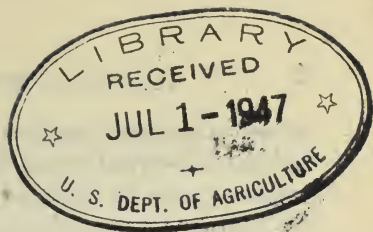
"Mr. Brand has held hearings at different points about the country, and has undoubtedly obtained through these hearings the sentiment and expert opinion of the whole grain trade, such as we do not get. We therefore think the Bureau of Markets should make such changes in their specifications as they deem wise, out of these hearings and the testimony which they have received in various ways; and that then we pledge ourselves, if the Grain Corporation is the buying agency, to adjust our buying scale for the lower grades in such a way as to remove, as far as possible, the feeling that lack of competition does not reflect the full values of certain qualities of wheat graded down because of certain features, such as admixture and moisture."

"I think it right to caution the Department of Agriculture that if the imperative need for price control and distribution control does not exist this coming year restrictions may relax in such a way as possibly to develop the competitive buying again of various qualities, so that the specifications should not be framed entirely on the assumption that the buying will be solely in our hands."

I feel that the producers are entitled to know that the revised standards were not the result of any influence brought to bear upon the department to change from the tentative grades. The tentative grades as published in Service and Regulatory Announcements No. 32 did not represent the final views of the department at that time, but were announced for the purpose of securing constructive criticism and advice. The department had to consider the fact that the official grain standards of the United States must be designed to meet the needs of every interest from the farmer to the user, and not the preferences of any particular interest or group of interests. I wish to say emphatically that the department gave most careful and painstaking consideration to all of the recommendations received and to the facts in its possession, and the standards as promulgated on April 13, effective July 15, 1918, represent its best judgment based upon the merits of every suggestion made, and not upon any influence brought to bear to secure the adoption of such suggestions.

Very truly yours,

CHARLES J. BRAND,  
*Chief of Bureau.*



S. R. A.—Markets 35.

Issued June 26, 1918.

## United States Department of Agriculture.

BUREAU OF MARKETS.

CHARLES J. BRAND, CHIEF.

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### SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 35.<sup>1</sup>

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### THE WHEAT STANDARDS AND THEIR APPLICATION.\*

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By GEORGE LIVINGSTON, *In charge Federal Grain Supervision.*

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The far-reaching influence of the wheat standards and their application was called directly to the attention of the entire grain industry when, on August 30, 1917, the President publicly announced his adoption of the price for wheat recommended by the Fair Price Committee. This price was based upon No. 1 Northern Spring of the Federal standards. Since that time many people have given serious consideration to the question of wheat standards in general, and to the official standards which became effective on July 1 for winter wheat and on August 1, 1917, for spring wheat. So many varying opinions and convictions concerning the official standards were presented to the department that steps were taken to provide an opportunity for all interested persons to present their opinions and recommendations with a view of revising the standards, if necessary, to meet more fully the needs of the country.

#### EVIDENCE CONSIDERED IN REVISING STANDARDS.

A most careful and painstaking consideration by the Department of Agriculture of all available evidence relating to the subject of

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<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 34.

\* Address delivered before the Twenty-first Annual Convention of the Oklahoma Grain Dealers and Millers Association, Oklahoma City, Okla., May 22-23, 1918.

wheat standards resulted in the revised standards which were promulgated April 13, and which become effective July 15, 1918. This evidence may be grouped into three classes, namely: Facts collected by the department during ten years of investigation of all phases of the subject; evidence developed from the past year's experience in supervising the application of the official standards; and evidence presented by mail and at some 20 public hearings held throughout the United States.

#### 10 YEARS OF INVESTIGATION.

The facts collected by the department during the 10 years of systematic study of the subject of wheat grading cover every step in the marketing of wheat from the time it leaves the wheat field until it reaches the consumer. These facts resulted from an examination of a large number of samples—samples collected from the thrashing machine, from the farmer's wagon at the country elevator, from the car upon its arrival at the central market; samples taken before and after grain had passed through terminal elevators and mixing houses; samples taken from the grain as it arrived at the mill and from the mill stream on its way to the rolls; samples taken as the grain went aboard vessels at seaboard markets and as it was discharged from the vessels in foreign ports. Upon information obtained by examination of thousands of such samples representing, as they do, wheat at every stage of marketing, supplemented by personal study of the inspection procedure in the principal markets of the United States, the department based the present standards for wheat. It is apparent, therefore, that in securing the information upon which the standards were based no single interest has been favored at the expense of any other.

#### PAST YEAR'S EXPERIENCE IN SUPERVISION.

The past year's experience in supervising the application of these standards in all parts of the United States, in the course of which thousands of samples have been given careful study, has resulted in additional information on the subject of wheat grading and suggested a number of desirable changes which have been incorporated in the amended standards.

#### RECOMMENDATIONS RECEIVED AT HEARINGS AND BY MAIL.

Consideration of the suggestions and recommendations received by the department through the mails and at public hearings reveals a wide diversity of opinion with respect to what are desirable wheat standards. Recommendations ranged from standards with grade requirements so lenient as to permit from 85 to 90 per cent of a normal crop to meet the requirements of grade No. 1, to standards



with severe grade requirements involving numerous special and refined limitations, which would permit only a very small portion of the crop in the first grade. A most careful and impartial study of all recommendations received, having in mind the needs and desires of the entire country, indicated without question of doubt that the grain industry as a whole desired standards which in all essential features conform to standards suggested by the information obtained by the department from investigation and the supervision of grain inspection.

The United States grain standards Act authorizes the Secretary of Agriculture to fix standards for quality and condition of grain. Standards which would permit of 85 to 90 per cent of a normal crop of wheat to grade No. 1 would serve no useful purpose to the grain industry in differentiating as to quality and condition; nor would standards with severe grade requirements involving numerous special and refined limitations be practical of application. The standards as amended retain the principles of grading so that quality and condition can be properly differentiated and at the same time so moderated and simplified as to be practical of application by any who will give thoughtful consideration to their requirements. The principal factors as to quality and condition in every commercial system of wheat grading have been test weight, moisture, color, and texture, mixtures of other wheats and the quantity and quality of foreign material. In the original standards for wheat fixed under the United States grain standards Act the factor limits were so adjusted as to establish premium grades, grades for average quality and condition, and grades for wheat below the average. The past year's experience indicates that the standards fully accomplished this purpose. Nevertheless dissatisfaction with the standards developed. The evidence submitted, however, indicates that a considerable part of the dissatisfaction was based upon a desire that most of the wheat should grade No. 1, thereby commanding the basic price established by the President.

The department arrived at its conclusions, which have been incorporated in the revised standards, only after careful and unbiased consideration of all the evidence resulting from investigations, from experience in supervision and from voluminous suggestions and recommendations received by mail and at public hearings.

#### SUMMARY OF CHANGES.

The following changes have been incorporated in the revised standards:

##### DEFINITION OF TERMS.

*Wheat.*—The definition of wheat has been changed so as to permit wheat when free from dockage to contain as much as 10 per cent of other grains.



Under the present standards only 6 per cent of other grains is permitted. The definition was further changed to exclude emmer, spelt, and einkorn.

*Dockage.*—The definition of dockage has been changed so as expressly to require rescreening or recleaning in order to recover as much cracked wheat as practicable. This change should obviate much of the difficulty experienced in ascertaining the status of cracked wheat in the determination of dockage. Dockage is to be expressed in terms of whole per centum instead of half per centum. This change means that wheat may contain up to 1 per cent of dockage before a statement of dockage is made a part of the grade designation, and fractions are to be disregarded.

*Foreign material.*—The term "inseparable foreign material" has been replaced by the more accurate designation "foreign material other than dockage." Wild pea, corn cockle, darnel, and wild rose have been placed on the same basis as other foreign material except cereal grains, i. e., no special discrimination is made against such weed seeds.

*Cereal grains.*—Rye and barley as well as other cereal grains are now permitted in each grade in larger amounts, in addition to other foreign material.

*Garlicky wheat.*—The word "garlicky" is required as a part of the grade designation of all wheat which contains as much as one bulblet of garlic or onions in 1,000 grams or which has an unmistakable odor of garlic or wild onions. Accordingly the subclass Soft Red has been dropped and all garlicky wheat is graded in the same manner as other wheat.

*Smutty wheat.*—The number of smut balls permitted before the word "smutty" is required to be added to the grade designation has been increased from 1 to 2 balls in 50 grams of wheat.

#### CLASSES AND SUBCLASSES.

*Class I. Hard Red Spring.*—In this class the subclass Red Spring Humpback has been eliminated and the definitions of the other subclasses changed to include wheat that formerly came within the requirements of Red Spring Humpback. However, the grades No. 1 Dark Northern Spring and No. 1 Northern Spring may not contain more than 5 per cent of wheat of the variety Humpback.

The minimum requirement of dark, hard, and vitreous kernels of the subclass Dark Northern Spring has been reduced from 85 per cent to 75 per cent. This permits wheat containing between 75 per cent and 85 per cent of dark, hard, and vitreous kernels, which formerly would have been classed Northern Spring, to be classed as Dark Northern Spring.

*Class II. Durum.*—The name of this class has been changed from "Common and Red Durum" to "Durum."

*Class III. Hard Red Winter.*—The minimum requirement of dark, hard, and vitreous kernels of the subclass Dark Hard Winter has been reduced from 90 per cent to 80 per cent. This permits wheat containing between 80 per cent and 90 per cent of dark, hard, and vitreous kernels, which formerly would have been classed Hard Winter, to be classed as Dark Hard Winter.

*Class IV. Soft Red Winter.*—In this class the subclass Soft Red has been eliminated, and garlicky wheat is graded as previously described.

*Class V. Common White.*—For the purpose of distinguishing between Hard White wheat and Soft White wheat, the revised standards specify that Hard White wheat in order to be graded Hard must contain 75 per cent of hard (not soft and chalky) kernels. Formerly the distinction between Hard and Soft White wheat was that Hard White wheat could not contain more than 20 per cent of soft and chalky kernels.

## GRADE REQUIREMENTS.

Changes have been made with a view, primarily, to simplification of the standards and a moderation of grade requirements. This is true especially with respect to the factors moisture and admixture of wheat of other classes. With reference to the latter, grade No. 1 permits 5 per cent of wheat of other classes, except in certain admixtures which do not occur frequently and which are especially detrimental. Likewise, wheat will not be graded lower than No. 2 on account of the presence of wheat of other classes, except where the admixture is decidedly undesirable and occurs very rarely on the farm. These decidedly undesirable admixtures may cause wheat to be graded No. 3 but never lower.

*Moisture.*—The Hard Red Spring wheat of the crops of 1911 to 1916 (inclusive), with respect to moisture content, was sufficiently dry to permit 50.7 per cent to grade No. 1 and 72.3 per cent to grade No. 2 or better, under the present standards. The average moisture content of spring wheat for these years was 13.4 per cent. The amount of moisture allowed by the present standards in grade No. 1 is 13.5 per cent. The revised standards increased the percentage to 14. Based upon past crops, this increase would permit 63.2 per cent, an increase of 12.5 per cent, to grade No. 1 with respect to moisture.

In the case of Hard Winter wheats, the records of the department show that of past crops 50 per cent or more would grade No. 1, with respect to moisture, under present standards. Under the revised standards, which increase the moisture limit one-half of 1 per cent, a still larger proportion of the wheat crop should meet the moisture requirements of grade No. 1.

The changes in the percentage of moisture allowed in the various grades in the revised standards are as follows:

## Hard Red Spring and Durum:

- No. 1 increased from 13.5 to 14.0 per cent.
- No. 2 no change, remains at 14.5 per cent.
- No. 3 increased from 14.5 to 15.0 per cent.
- No. 4 increased from 15.5 to 16.0 per cent.
- No. 5 increased from 15.5 to 16.0 per cent.

## All other classes:

- No. 1 increased from 13 to 13.5.
- No. 2 increased from 13 to 14.0.
- No. 3 increased from 14 to 14.5.
- No. 4 increased from 14 to 15.5.
- No. 5 increased from 15 to 15.5.

*Admixtures of other wheats.*—A radical change has been made in the amounts of other wheats permitted in the higher grades. The changes are as follows:

- No. 1 changed from 2 to 5 per cent.
- No. 2 changed from 4 to 10 per cent.
- No. 3 changed from 5 to 10 per cent.
- No. 4 no change, remains at 10 per cent.
- No. 5 no change, remains at 10 per cent.

Only in rare cases will wheat grade lower than No. 2 on account of mixture of other wheats. Therefore a much smaller proportion of the crop should be graded down on account of this factor than has been the case heretofore.

*Weight per bushel.*—The figures for the six years prior to 1917 for practically all wheats during these years show that an average of 37.5 per cent weighed 59 pounds or more per bushel. Under the present standards the test weight required for grades No. 2 of the classes Durum, Hard Red Winter, and Soft Red Winter, except the subclass Red Walla, and for No. 1 of the class Hard Red Spring, is 59 pounds, so that 37.5 per cent of these wheats, on the factor test weight, would have received the grade of No. 2 or better. Under the revised standards, these same grades have a test weight requirement of only 58 pounds. It is to be expected, therefore, that a materially increased proportion of the crop should fall within the grades mentioned so far as test weight is the determining factor.

With respect to the test weight per bushel, the changes by classes for each grade are as follows:

Hard Red Spring, Class I.

No. 1 reduced from 59 pounds to 58 pounds.

No. 2 no change, remains at 57 pounds.

No. 3 no change, remains at 55 pounds.

No. 4 no change, remains at 53 pounds.

No. 5 reduced from 51 pounds to 50 pounds.

Durum and Hard Red Winter, Classes II and III.

No. 1 reduced from 61 to 60.

No. 2 reduced from 59 to 58.

No. 3 reduced from 57 to 56.

No. 4 reduced from 55 to 54.

No. 5 reduced from 53 to 51.

Soft Red Winter, Class IV:

*Red Winter—*

No. 1 reduced from 61 to 60.

No. 2 reduced from 59 to 58.

No. 3 reduced from 57 to 56.

No. 4 reduced from 55 to 54.

No. 5 reduced from 53 to 51.

*Red Walla—*

No. 1 reduced from 60 to 58.

No. 2 reduced from 58 to 56.

No. 3 reduced from 56 to 54.

No. 4 reduced from 54 to 52.

No. 5 reduced from 52 to 49.

Common White and White Club:

No. 1 no change, remains at 60.

No. 2 no change, remains at 58.

No. 3 no change, remains at 56.

No. 4 no change, remains at 54.

No. 5 reduced from 52 to 51.



*Damaged kernels and heat-damaged kernels.*—The changes with respect to the factors “damaged kernels” and “heat-damaged kernels” affect all classes alike and are shown by grade as follows:

Damaged—all classes:

No. 1 increased from 1 per cent to 2 per cent.

No. 2 no change, remains at 4.0 per cent.

No. 3 no change, remains at 7.0 per cent.

No. 4 no change, remains at 10.0 per cent.

No. 5 no change, remains at 15.0 per cent.

Heat damaged—all classes:

No. 1 allowance of 0.1 per cent, formerly none allowed.

No. 2 increased from 0.1 per cent to 0.2 per cent.

No. 3 no change, remains at 0.5 per cent.

No. 4 no change, remains at 1 per cent.

No. 5 no change, remains at 3 per cent.

#### APPLICATION OF THE STANDARDS.

All branches of the grain industry are vitally interested in the grades as originally promulgated and as revised, and in their uniform and impartial application. The department, having been charged with the responsibility of putting them into effect, is impartially discharging that responsibility with vigilance and increasing efficiency.

#### VARIATIONS IN GRADE.

Prior to the establishment of the standards under the United States grain standards Act there was little uniformity either in the standards in use or in their application by the various boards of trade, chambers of commerce, and other similar organizations. Grain which would be given a certain grade in one market might be given an entirely different grade according to entirely different standards in some other market. Under the standards then in use a uniform price basis applicable to the entire United States for a particular class of grain of a given quality was practically impossible. It is true that under the Federal standards, and with Federal supervision, variations may and do occur in the grade assigned a particular lot of grain by two or more licensed inspectors. Such variations in grade are not due necessarily to the inefficiency of the licensed inspectors, but may be caused by differences in samples upon which inspectors based the grade. Variations of this kind are certain to occur regardless of the standards under which the grain is graded. However, variations in grade, as determined by two or more inspectors, are not nearly so frequent under uniform standards and Federal supervision as they were under the various standards in vogue prior to the establishment of Federal standards.



The fact that variations in grading at different markets occurred frequently, prior to the time the United States grain standards Act became effective, together with the fact that it was realized that some variation was certain to occur in grading under the Act, caused Congress to provide ways and means whereby parties to a transaction involving such variations could appeal to the Secretary of Agriculture for the determination of the true grade of the grain. The Department of Agriculture is lending every effort to secure a uniform application of the standards established under the Act and, through the cooperation of producers and the grain trade, marked progress in this direction has been made since the standards for corn and wheat became effective.

#### INSPECTION EFFICIENCY.

Steps have been taken to bring about, as rapidly as possible, uniform inspection of grain. A corps of traveling supervisors has been appointed. Their duties, among others, are: to keep in touch with conditions and practices in the terminal markets and inspection points of a designated territory; to handle complaints concerning variations in grading between markets; and to assist the supervisors and inspectors in arriving at uniform practices. Efficiency records are compiled from which it will be possible to ascertain the percentage of accuracy attained by each inspector and, in case of error, the factor or factors in which he is least efficient. It will be possible also to compare the efficiency of one market, taking the inspector's records as a basis, with the efficiency of other markets; also, if a market lacks in efficiency, those lines along which it seems to be least efficient. It is believed that the work of the traveling supervisors and the constant checking up of inspections of licensed inspectors will have a very beneficial effect in establishing uniformity in applying the standards. It must be remembered that the grain trade and inspectors have had a very short time within which to adjust themselves to Federal grain supervision. Likewise many new problems must be met by the department. Even in peace times and with normal conditions prevailing the greatest benefits could not have been attained in the short time that has elapsed. Obviously the task has been intensified by the abnormal conditions under which the entire grain industry and the department as well have been working.

#### FEDERAL GRAIN SUPERVISION IN WAR TIMES.

The war has brought with it a readjustment of commercial conditions, involving, in the grain business, radical departures from established customs and practices. The Food Administration Grain Corporation has entered the field of grain marketing. Transactions involving the purchase of wheat controlled by this corporation are

based upon the standards established under the United States grain standards Act. Because of the abnormal conditions under which grain is marketed to-day, there is much confusion in the minds of both producers and grain dealers with respect to what share, if any, the United States grain standards Act and the standards established thereunder have in determining whether the producer shall receive a just price for his products.

#### RELATION OF PRICE TO GRADE.

Under normal marketing conditions a great number of grades is neither desirable nor necessary. Under normal marketing conditions standards are desired in which the grade requirements of each of the grades are sufficiently broad to permit a certain range in quality and condition, and consequently in actual value, of the grain falling within any one of the grades. Prior to the establishment of standards under the United States grain standards Act grain was frequently classed within one grade which sold at a range of 4 or 5 cents and occasionally as much as 17 cents per bushel. Whenever a definite price is fixed for all grain coming within the limits of any one grade, assuming that it represents the average value of the grade, the grain meeting the requirements of the upper limit of the grade sells for less than its actual value, while that which falls at the bottom of the grade sells for more than its actual value. Under fixed prices this condition will maintain in any system of commercial grading. If grades were to be fixed for the purpose of classifying all grain of exactly the same value into a single grade, a great number of such grades would be required. In fact a grade would have to be provided for every possible combination of factors having a value different from that of any other combination. Such a system of grain grading would not be applicable to commercial grain marketing because of the difficulties in determining accurately each factor involved in arriving at the value of the grain. Under normal marketing conditions competitive bidding of purchasers for grain insures prices based on actual worth for a given purpose. Grain which may receive a low grade because of some factor which is not objectionable to a purchaser who desires to use it for a given purpose may sell at a premium over other grain of the same grade, and sometimes may sell for a price equal to that paid for higher grades. This condition can not maintain under any system of commercial grading when a fixed price is established for all grain falling within any one grade.

#### FEDERAL GRAIN SUPERVISION IN TIME OF PEACE.

The establishment of peace will bring with it new marketing conditions in the grain business and a consequent readjustment of commercial practices. The producer, the grain dealer, and the manu-



facturer will have opened to them again a competitive market and a broad field for commercial activities. The period of readjustment will be attended by many uncertain and perplexing problems in production, marketing, and distribution, which must be met. During the period of transition from a war to a peace basis, Federal grain supervision should exert a stabilizing influence in all branches of the grain industry.

The producer of grain should be paid for his product in exact proportion to its value. The farmer who produces grain of good quality should receive a price commensurate with its grade and value. He should not be obliged to sell grain of good quality at a comparatively low price in order to protect the purchaser who receives from other farmers at the same price grain of poor quality. Federal grain supervision should protect the producer and country grain dealer from unjust discounts and provide for deserving premiums. It should add stimulus to good farming methods in the form of premiums paid for a superior product.

The country grain dealer, with definite standards uniformly applied to guide him in making purchases and sales, should render a service to the community at less cost than before the establishment of Federal standards. The commission merchant and the broker likewise should be able to render more efficient service to their patrons because of improved terminal market conditions which should result from uniform application of definite and fixed standards. The miller and manufacturer should know definitely what quality of grain may be delivered to them and as a result should be able to operate their industries on a narrow margin of cost.

No longer may inspectors change standards at will, nor exercise leniency in grading in order to maintain the good will of interested parties. Neither may one set of standards at terminal markets be used for grading country receipts and another set of standards for grading terminal sales and outbound shipments.

Federal standards for grain, uniformly applied throughout the United States, should encourage honest competition, eliminate many abuses and unfair practices, provide a uniform basis for the determination of price at country points and at terminal markets, and generally establish confidence and security in all branches of the grain industry to the mutual benefit of the producer, the grain dealer, and the consumer.

The Bureau of Markets asks for and earnestly desires to receive the full cooperation of all branches of the grain industry in carrying on this important work.

# APPENDIX A.

Sections 15 to 20, inclusive, of the official grain standards of the United States for wheat, tabulated and abridged. (See Note.)

[The numbered footnotes below must be read in connection with the tabulation.]

Grade No.	Minimum limits of test weight per bushel.			Maximum limits of—						
				Moisture.		Damaged kernels.		Foreign material other than dockage.		Wheats of other classes.
	Class Hard Red Spring.	Classes Durum, Hard Red Winter, Common White, and White Club; and subclass Red Winter.	Sub-class Red Walla.	Classes Hard Red Spring and Durum.	Classes Hard Red Winter, Soft Red Winter, Common White, and White Club.	Total.	Heat damage.	Total.	Matter other than cereal grains.	Total.
	Lbs.	Lbs.	Lbs.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1.....	58	60	58	14.0	13.5	2	0.1	1	0.5	5
2.....	57	58	56	14.5	14.0	4	0.2	2	1.0	10
3.....	55	56	54	15.0	14.5	7	0.5	3	2.0	10
4.....	53	54	52	16.0	15.5	10	1.0	5	3.0	10
5.....	50	51	49	16.0	15.5	15	3.0	7	5.0	10
Sample*	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

\* *Sample Grade*.—Shall be wheat of the appropriate subclass which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor, except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

- (1) The wheat in grade No. 1 shall be bright.
- (2) The wheat in grades Nos. 1 to 4, inclusive, shall be cool and sweet.
- (3) The wheat in grade No. 5 shall be cool, but may be musty or slightly sour.
- (4) The wheat in grade No. 1 Dark Northern Spring and grade No. 1 Northern Spring may contain not more than 5 per centum of the hard red spring wheat variety Humpback.
- (5) The wheat in grade No. 1 Amber Durum and grade No. 1 Durum may contain not more than 5 per centum of the durum wheat variety Red Durum.
- (6) For each of the subclasses of the class Durum, grade No. 1 and grade No. 2 may contain not more than 2 per centum and 5 per centum, respectively, of soft red winter, common white, and white club wheat, either singly or in any combination.
- (7) For each of the subclasses of the classes Hard Red Spring and Hard Red Winter, grade No. 1 and grade No. 2 may contain not more than 2 per centum and 5 per centum, respectively, of common white, white club, and durum wheat, either singly or in any combination.
- (8) For each of the subclasses of the classes Soft Red Winter, Common White, and White Club, grade No. 1 and grade No. 2 may contain not more than 2 per centum and 3 per centum, respectively, of durum wheat.

**NOTE.**—For grades for Mixed wheat, Treated wheat, Garlicky wheat, and Smutty wheat see sections Nos. 21, 22, 23, and 24, respectively, of the official grain standards of the United States for wheat.

The above tabulation does not constitute in whole the official grain standards of the United States for wheat.



## APPENDIX B.

Section 9 of the official grain standards of the United States for shelled corn, tabulated and abridged. (See Note.)

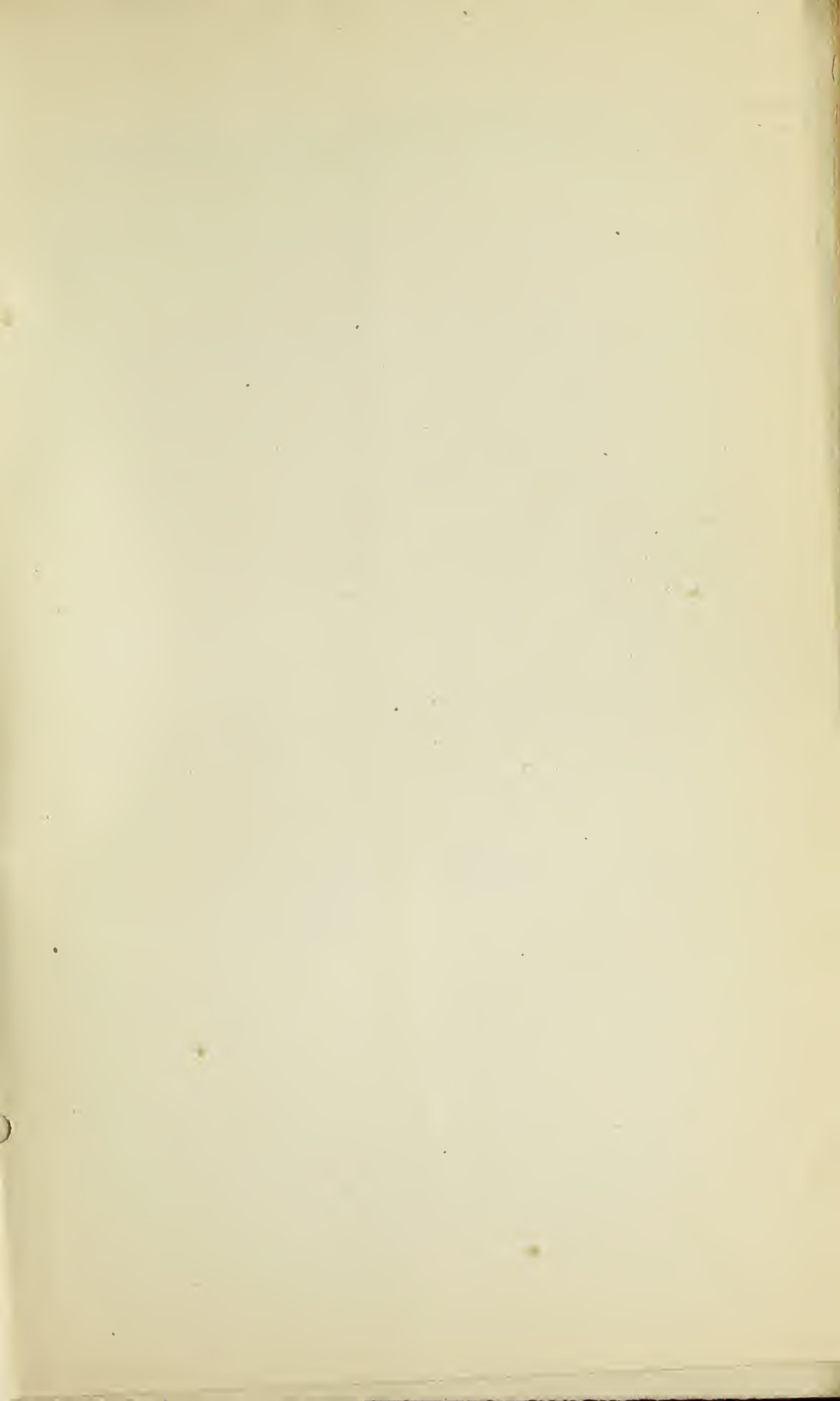
Grade No.	Minimum test weight per bushel.	Maximum limits of—			
		Moisture.	Foreign material and cracked corn.	Damaged kernels.	
				Total.	Heat damage.
	<i>Pounds.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
1.....	55	14.0	2	2	0.0
2.....	53	15.5	3	4	0.1
3.....	51	17.5	4	6	0.3
4.....	49	19.5	5	8	0.5
5.....	47	21.5	6	10	1.0
6.....	44	23.0	7	15	3.0
Sample*.....					

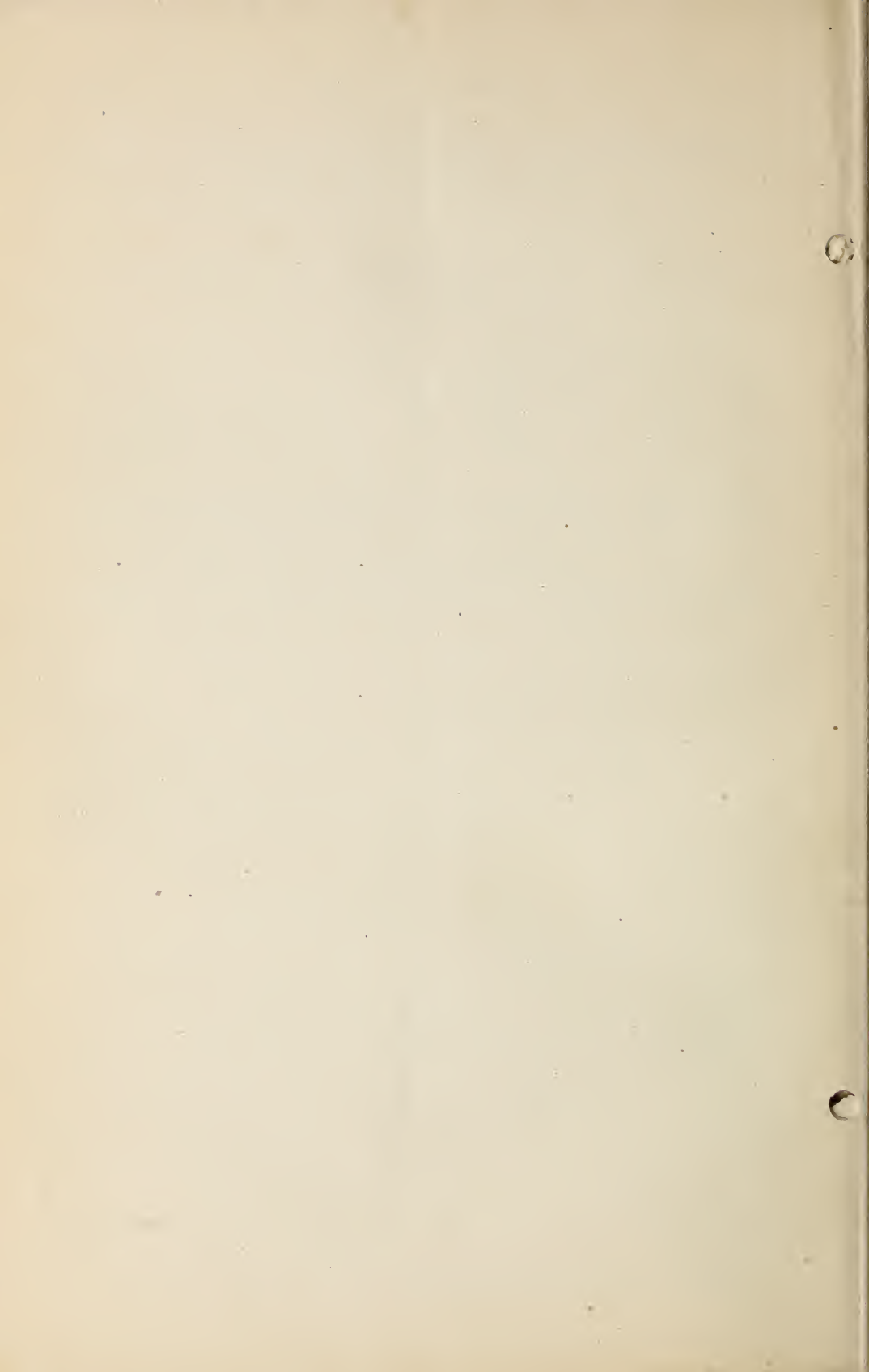
*Sample Grade.\**—Shall be White corn, or Yellow corn, or Mixed corn, respectively, which does not come within the requirements of any of the grades from No. 1 to No. 6, inclusive, or which has any commercially objectionable foreign odor, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality.

(1) The corn in grades Nos. 1 to 5, inclusive, shall be cool and sweet.

(2) The corn in grade No. 6 shall be cool but may be musty or sour.

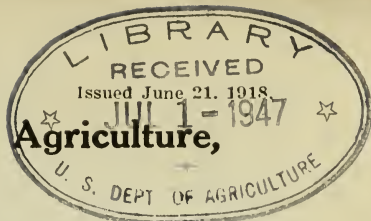
**NOTE.**—The above tabulation does not constitute in whole the official grain standards of the United States for shelled corn





# United States Department of Agriculture,

BUREAU OF MARKETS,  
CHARLES J. BRAND, CHIEF.



## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 36.<sup>1</sup>

FEDERAL GRAIN SUPERVISION AND THE STANDARDS FOR WHEAT  
APPLIED TO 1917 CROP OF HARD RED SPRING WHEAT, INCLUDING  
COMPARISON OF PRESENT AND REVISED OFFICIAL STANDARDS.

### Classification of Hard Red Spring Wheat Under Present Standards and Under Former Standards.

For the purpose of distinguishing between milling values in the present Federal standards, Hard Red Spring wheat is divided into four subclasses as follows:

*Dark Northern Spring*.—85% or more of dark, hard and vitreous kernels. (Premium subclass.)

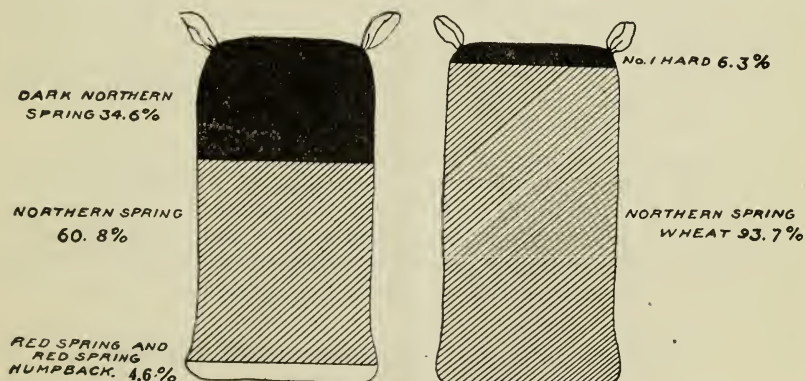
*Northern Spring*.—More than 25% and less than 85% of dark, hard and vitreous kernels.

*Red Spring*.—25% or less of dark, hard and vitreous kernels.

*Red Spring Humpback*.—Hard Red Spring wheat containing more than 10% of the Humpback variety.

Federal standards.  
1917 crop.

Minnesota standards.  
1907-1916 crops.  
(average).



The black part of the first sack represents the proportion of the 1917 crop falling into the premium subclass Dark Northern Spring under the Federal standards (Minnesota inspection points).

The black part of the second sack represents the average proportion of the crops 1907 to 1916, inclusive, falling into the premium grade No. 1 Hard under the Minnesota State standards.

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 35.



The Federal Government grades for hard red spring wheat were put into effect on August 1, 1917, under the United States grain standards Act.<sup>1</sup> This Act, passed on August 11, 1916, authorizes the Secretary of Agriculture to establish grades for the various grains and to enforce uniform inspection and grading of such grains when shipped in interstate or foreign commerce.

Inspections for the purpose of the Act are performed by grain inspectors licensed by the Secretary of Agriculture. These inspectors are not employed by the Federal Government. They work either independently or are employed by the various grain exchanges or State Inspection Departments, and are not paid by the Federal Government. They cannot hold licenses to grade grain and at the same time be financially interested in the buying or selling of grain, or be in the employ of any person or firm financially interested in the buying or selling of grain. No person is permitted to inspect and certificate the grade of wheat for shipment in interstate or foreign commerce unless he holds a license under the grain standards Act. The work of the licensed inspectors is under the direct observation of thirty-five Federal Grain Supervision offices maintained by the Department of Agriculture at important grain-inspection points.

In cases where the owner of wheat shipped in interstate commerce, or any other interested party, is dissatisfied with the grade given by the licensed inspector an appeal may be filed in the office of Federal Grain Supervision in charge of the district in which the grain was graded, in accordance with the regulations of the Secretary of Agriculture. In cases where the wheat is shipped in interstate commerce between non-inspection points, without inspection by a licensed inspector, disputes as to the proper grade of the wheat may be filed in the office of Federal Grain Supervision for the district in which the wheat is located, in accordance with the regulations of the Secretary of Agriculture. Employees of the Department of Agriculture do not inspect and grade grain for the public generally, and grain supervisors can grade grain for interested parties only in cases of appeals and disputes filed in the offices of Federal Grain Supervision as above indicated.

The principal purpose of the grain standards Act is to provide for the establishment of standards for each class of wheat, or other grain as the case may be, to be effective for the inspection and grading of such grain at all markets in the United States, and for the supervision of inspection and grading under those standards so that any particular lot of grain should be given the same grade anywhere in the United States.

#### **RESULTS OF WHEAT GRADING UNDER FEDERAL GRAIN SUPERVISION.**

Most of the hard red spring wheat of the United States is produced in the States of Minnesota, South Dakota, North Dakota and Montana, and, prior to the 1917 crop, was marketed under the former Minnesota standards.

<sup>1</sup> Revised grades for hard red spring wheat will go into effect on July 15, 1918.  
(See pages 12-16.)

## FEDERAL STANDARDS.

*Inspection of Hard Red Spring wheat on arrival at Minnesota inspection points.  
(August 1, 1917, to February 28, 1918.)*

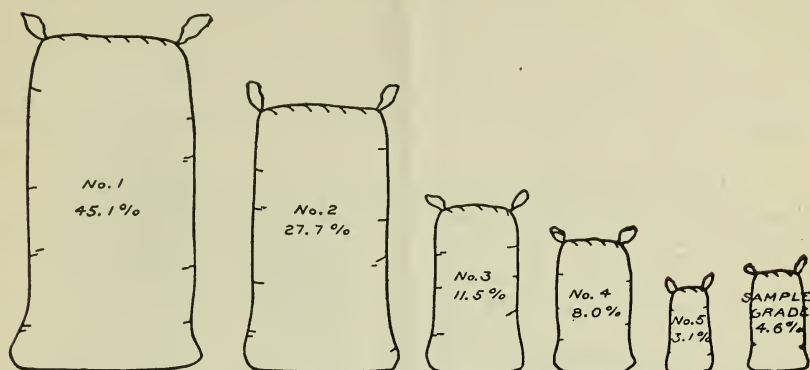


FIG. 1.—Percentage of the crop falling into each of the grades of Hard Red Spring, all subclasses combined.

## MINNESOTA STANDARDS.

*Inspection of Hard Red Spring wheat on arrival at Minnesota inspection points.  
(Average for crops 1907-1916, inclusive.)*

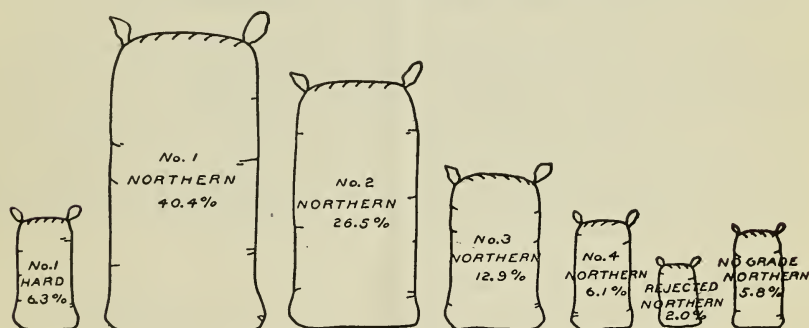


FIG. 2.—Percentage of the average of the crops falling into each of the grades.

*Percentage of Hard Red Spring wheat crop falling into each grade for years 1907-1916, inclusive, as shown by report of carlot receipts issued by the Minnesota State Inspection Department.*

Crop year	No. 1 Hard	No. 1 Northern	No. 2 Northern	No. 3 Northern	No. 4 Northern	Rej. Northern	N. G. Northern	Total
	%	%	%	%	%	%	%	%
1916.....	5.1	12.7	13.8	17.0	46.6	.0	4.8	100.0
1915.....	6.5	41.1	28.4	11.9	5.5	1.1	5.5	100.0
1914.....	1.1	27.2	25.8	25.4	14.8	2.7	3.0	100.0
1913.....	18.0	52.5	19.3	7.0	0.3	1.2	1.7	100.0
1912.....	1.7	49.2	25.4	6.3	0.1	2.0	15.3	100.0
1911.....	0.3	22.8	32.3	19.9	6.5	3.5	14.7	100.0
1910.....	4.1	50.6	29.8	9.3	0.3	3.3	2.6	100.0
1909.....	17.5	46.5	26.6	7.9	0.2	0.8	0.5	100.0
1908.....	5.5	44.3	27.7	16.2	3.4	2.4	0.5	100.0
1907.....	0.4	36.4	35.0	17.5	4.8	4.3	1.6	100.0

In the crop year 1916 a large number of cars were graded Sample grade, but the figures for Durum wheat and Hard Red Spring wheat were combined in the reports of the Minnesota State Inspection Department so that the amount of Hard Red Spring wheat in this grade cannot be ascertained and it is omitted in the above table.

Claim has been made that the Federal grades have resulted in the placing of large quantities of wheat in the lower grades during the 1917 crop year, with consequent serious loss to the grain growers. With a view to showing the effect upon producers and shippers of wheat of the first year of grain grading under Federal Supervision, summaries of the grades assigned to hard red spring wheat under the Federal standards and under the former Minnesota standards for specified periods, follow:

**HARD RED SPRING WHEAT, CROP YEARS 1907-1917, INCLUSIVE.**

The diagrams shown in figures 1 to 4 compare the proportion of crops of Hard Red Spring wheat falling into each grade:

1. Using Government standards under Federal Grain Supervision on the 1917 crop, graded at Minnesota inspection points.
2. Using Minnesota State Inspection Department standards without Federal supervision on the average of the 1907 to 1916 crops at the same markets. Under this diagram will be found the figures for each year.
3. Using Government standards under Federal supervision on the 1917 crop graded at all inspection points in the United States.
4. Using Government standards under Federal supervision on the 1917 crop graded at all inspection points, indicating the percentage of each subclass in the different grades, the number of cars of each subclass by grade, and the fixed price per bushel for grades numbers 1 to 4, inclusive, at Minneapolis. The diagram also indicates the average amount of No. 1 Hard (premium wheat under former Minnesota standards) for the crop years 1907-1916, inclusive, and the amount of No. 1 Hard in the best crop year of 1913.

**FEDERAL STANDARDS.**

*Inspection of Hard Red Spring wheat on arrival at all inspection points in the United States.*

(August 1, 1917, to February 28, 1918.)

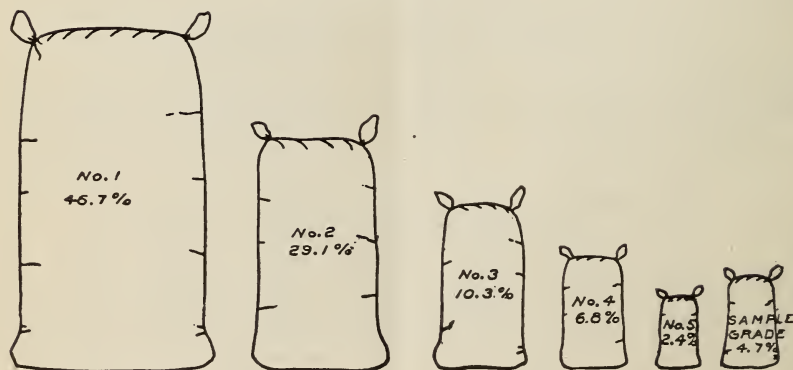


FIG. 3.—Percentage of the crop falling into each of the grades of Hard Red Spring, all subclasses combined.

## FEDERAL STANDARDS

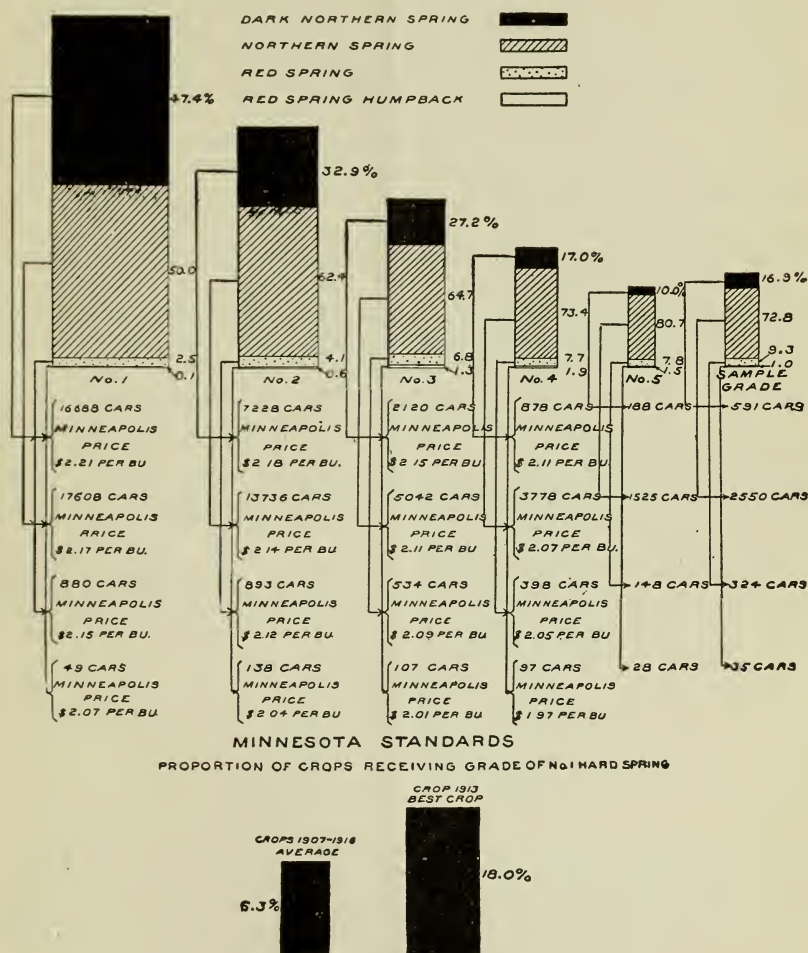
INSPECTIONS OF HARD RED SPRING WHEAT ON ARRIVAL  
AT ALL INSPECTION POINTS  
IN THE UNITED STATESAUGUST 1, 1917 TO FEBRUARY 28, 1918  
(SEE EXPLANATION BELOW)

FIG. 4.—The top diagram is drawn to illustrate the proportion of the crop in each grade and the proportion of each subclass in each grade. The figures under the diagram show the number of cars in each subclass by grade, and the Government fixed prices which apply to these grades at the Minneapolis market. The prices shown for grades Nos. 3 and 4 are the lowest limits of price for those grades, and the local price fixing committees allow slightly higher prices for the better qualities of wheat within those grades. The prices stated are not applicable to all cars shown in the diagram for the reason that a substantial number of them were inspected at markets other than Minneapolis, and were therefore entitled to receive the fixed prices established for those markets, which in most cases are higher than the prices for the Minneapolis market.

The lower diagram indicates the proportion of the crops 1907-1916 receiving the premium grade, No. 1 Hard, under former Minnesota standards, as well as the proportion of the high quality crop of 1913 receiving that grade.



**SUBCLASSES OF HARD RED SPRING WHEAT UNDER THE FEDERAL GRADES.**

The class Hard Red Spring under the Federal grades includes all varieties of hard red spring wheat. It is divided into four subclasses.<sup>1</sup> These subclasses are designed to place the different hard red spring wheats into classifications or divisions which will indicate their milling value. Dark, hard, and vitreous (flinty) wheats have always been recognized by millers and bakers as the best spring wheats for bread making purposes. The grouping of hard red spring wheats into these subclasses was for the purpose of recognizing the differences in quality, and to enable the producer of the better quality wheat to get the highest price for his superior product.

The first, or premium subclass, is called "Dark Northern Spring." It is hard red spring wheat of which 85% or more consists of dark, hard, and vitreous kernels.

The second subclass is called "Northern Spring." It is hard red spring wheat of which more than 25% and less than 85% consists of dark, hard, and vitreous kernels.

The third subclass is "Red Spring." It is hard red spring wheat consisting of yellow or mottled kernels of starchy texture, with not more than 25% of dark, hard and vitreous kernels.

None of the first three subclasses under the present standards is permitted to contain more than 10% of the hard red spring wheat of the variety Humpback.

The fourth subclass is "Red Spring Humpback." It is hard red spring wheat of which more than 10% consists of wheat of the variety Humpback.

Under the Federal standards for each subclass, including Dark Northern Spring, five numerical grades and a Sample grade are provided. The former Minnesota grades for hard red spring were:

- No. 1 Hard,
- No. 1 Northern Spring,
- No. 2 Northern Spring,
- No. 3 Northern Spring,
- No. 4 Northern Spring,
- Rejected Northern Spring,
- No Grade Northern Spring.

Those standards carried no No. 2 Hard, No. 3 Hard, No. 4 Hard, No. 5 Hard nor Sample grade Hard to take care of the dark hard wheat which now falls into corresponding grades of the Dark Northern Spring subclass under the Federal standards. Therefore, the Minnesota standards carried only one premium grade over the subclass Northern Spring; namely, No. 1 Hard.

From August 1, 1917, to February 28, 1918, 54,357 cars of hard red spring wheat were inspected upon arrival at Minnesota inspection points under the Federal standards. Of this number, 18,856 cars, or 34.6%, fell into the premium subclass Dark Northern Spring; 33,083 cars, or 60.8%, fell into the Northern Spring subclass; 1,987 cars, or 3.7%, fell into the Red Spring subclass; and 431 cars, or 0.9%, fell into the Red Spring Humpback subclass.

<sup>1</sup>In the Revised Standards effective July 15, 1918, three subclasses only for hard red spring are provided. They are Dark Northern Spring, Northern Spring and Red Spring. Red Spring Humpback is omitted. (See pages 12-16.)

In the former Minnesota grades, market quotations were usually based on No. 1 Northern Spring, and it was known as the contract grade. Since there was only one grade higher than this, No. 1 Hard, it was the only premium grade. In the Federal grades, No. 2 Northern Spring includes practically the same quality of wheat as No. 1 Northern Spring, under the former Minnesota standards. This is shown by the following table:

Standard	Grade	Test weight per bushel (pounds)	Inseparable foreign material		Dark, hard kernels
			Total	Wild peas, kinghead, etc.	
Federal ...	No. 2 Northern Spring	57	1.0%	0.5%	Under 85%; over 25%
Minnesota.	No. 1 Northern Spring	57	1.0%	.5%	Under 75%

For the purpose of this comparison, the two grades are therefore practically identical in value. No. 2 of the Federal standards represents even a better quality of wheat than No. 1 Northern Spring of the Minnesota grades. The maximum limit of dark, hard and vitreous kernels runs up to 85% in the Federal No. 2 Northern Spring, while no wheat with less than 25% of dark, hard and vitreous kernels can receive this grade.

As the result of the quality of wheat in the Federal No. 2 Northern Spring grade, the trade adopted No. 2 Northern Spring as the basis for market quotations. Therefore, wheat which comes in the grades No. 1 Dark Northern Spring, No. 2 Dark Northern Spring, No. 3 Dark Northern Spring, No. 1 Northern Spring and No. 1 Red Spring, is premium wheat over the Federal No. 2 Northern Spring under the Government fixed price system.

Licensed inspectors graded 75,563 cars of hard red spring wheat on arrival at the various inspection points throughout the United States from August 1, 1917, to February 28, 1918. Approximately three-fourths of these inspections were made at Minnesota inspection points. While No. 2 Northern Spring was adopted by the trade as the basis for market quotations, No. 1 Northern Spring of the Federal grades was used as the basis of the prices fixed by the Government for its purchases.

Figure 5, a diagram which shows the percentages of hard red spring wheat which fell into the various grades according to inspections above mentioned, together with the premiums over the basic fixed price for No. 1 Northern Spring, as well as over the No. 2 Northern Spring grade, appears on the next page.

The number of carlot inspections represented by this diagram which fall into the grades which would have had a premium over No. 2 Northern Spring was 44,524 out of 75,563, or 58.9 per cent. A conservative estimate of the average number of bushels of wheat contained in each car is 1,400, or a total for all cars of approximately 62,333,600 bushels, which would be entitled to receive premiums ranging from 1 to 7 cents per bushel over the grade adopted as the basis for market quotations—No. 2 Northern Spring.

The 1917 crop to which the Federal grades were applied was undoubtedly above the average in quality. Of the crops for 1907 to 1916

to which the Minnesota standards were applied, the crop of 1913, as is shown in the table on page 3, was the best in quality, but of that crop only 18 per cent was graded by the Minnesota State Inspection Department as No. 1 Hard Spring, the only grade above No. 1 Northern Spring, the percentage in every other year being very much lower, and as low as 0.3 per cent on the crop year 1911. As compared with this, 58.9 per cent of the Hard Red Spring crop of 1917 graded, under Federal standards, on arrival at all markets, higher than No. 2 Northern Spring, which is the practical equivalent of No. 1 Northern Spring under former Minnesota standards.

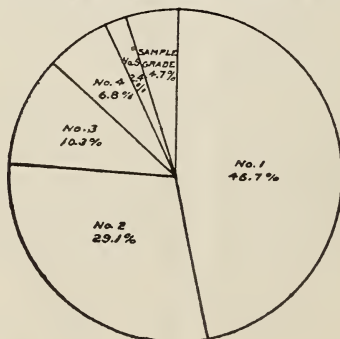
FIG. 5.—Proportion of Hard Red Spring wheat crop of 1917 falling into each grade of the Federal standards:

Also premium per bushel under fixed prices over the Federal grade No. 2 Northern Spring (the approximate equivalent of former Minnesota No. 1 Northern.)

The table also shows the premiums over the basic price for Federal No. 1 Northern Spring.

PROPORTION OF CROP IN EACH GRADE			PREMIUM PER BUSHEL OVER NO. 2 NORTHERN SPRING	PREMIUM PER BUSHEL OVER NO. 2 BASIC PRICE
GRADE NO.	PERCENT OF CROP	SUB CLASS		
DARK NORTHERN SPRING				
1	22.1	<div><div></div></div>	7¢	4¢
2	9.6	<div><div></div></div>	4¢	1¢
3	2.8	<div><div></div></div>	1¢	
4	1.2	<div><div></div></div>		
5	0.2	<div><div></div></div>		
SAMPLE GRADE	0.2	<div><div></div></div>		
	36.7			
NORTHERN SPRING				
1	23.3	<div><div></div></div>	3¢	BASIC PRICE
2	18.1	<div><div></div></div>		
3	6.7	<div><div></div></div>		
4	5.0	<div><div></div></div>		
5	2.0	<div><div></div></div>		
SAMPLE GRADE	1.4	<div><div></div></div>		
	58.5			
RED SPRING				
1	1.2	<div><div></div></div>	1¢	
2	1.2	<div><div></div></div>		
3	0.7	<div><div></div></div>		
4	0.5	<div><div></div></div>		
5	0.2	<div><div></div></div>		
SAMPLE GRADE	0.6	<div><div></div></div>		
	4.2			
RED SPRING HUMPBACK				
1	0.1	<div><div></div></div>		
2	0.2	<div><div></div></div>		
3	0.1	<div><div></div></div>		
4	0.1	<div><div></div></div>		
5	0.0	<div><div></div></div>		
SAMPLE GRADE	0.1	<div><div></div></div>		
	0.6			

ALL SUBCLASSES COMBINED





**GRADES RECEIVED BY FARMERS FROM COUNTRY ELEVATORS.**

The grades in use prior to the 1917 crop embraced such uncertain and indefinite terms as "dry," "sound," "clean," etc., and each inspection department maintained its own interpretation of these terms. Under the Federal system, a single set of wheat standards is in use at all inspection points in the United States, and the personal element and uncertainty in grading are reduced to the minimum because definite limitations for the various factors are set forth in the standards and the application of these limitations is supervised by Federal Grain Supervisors.

Farmers shipping grain in carlots directly to terminal markets receive the benefit of the grades assigned by licensed inspectors, while the farmers selling wheat to the local elevators do not, as a rule, have this advantage and must accept grades assigned by the buyer or elevator man. With definite standards, the country buyer should no longer be compelled, in order to protect himself, to make allowances for such variations in the grading of grain at the terminal markets as have heretofore been made. There is no satisfactory reason why any country buyer cannot familiarize himself with the grades and apply them properly.

The Department of Agriculture in co-operation with the Federal Trade Commission has undertaken to determine the numerical grade of hard red spring wheat assigned to farmers' wheat by country elevators in the States of Minnesota, North Dakota, South Dakota and Montana on the 1917 crop handled to March 31, 1918, under the Federal grades, and also to determine the numerical grades assigned to such wheat going from these elevators by licensed inspectors at the terminal markets.

This information was secured directly from the country elevators in these States, which were required under the law to submit certified reports under penalty of fine or imprisonment. The diagrams (figs. 6 to 10) show the proportion of the hard red spring crop of 1917 (all subclasses combined) to March 31, 1918, which fell into each of the grades, as received from the farmer at the country elevator. Figures 6 to 10 also compare the proportion of the same crop as shipped from the same country elevators which fell into each of the grades as assigned by the licensed inspectors at the terminal markets or as sold by the country elevators by grade without inspection by licensed inspectors.



## MINNESOTA

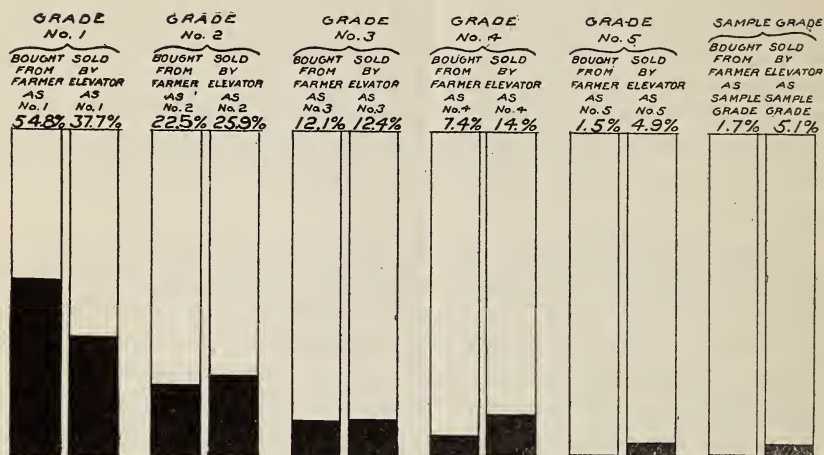


FIG. 6.

## NORTH DAKOTA

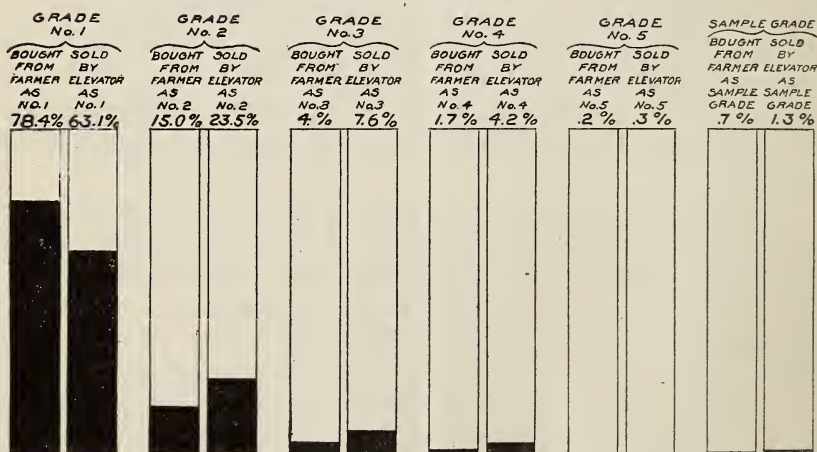


FIG. 7.

FIGS. 6-7.—Grades received by farmers upon delivery of 1917 crop of Hard Red Spring wheat at country elevators in Minnesota and North Dakota, and grades received by country elevators upon sale or shipment. (The percentage marks indicate the proportion of the crop falling into each grade.)

(August 1, 1917, to March 31, 1918.)

## SOUTH DAKOTA

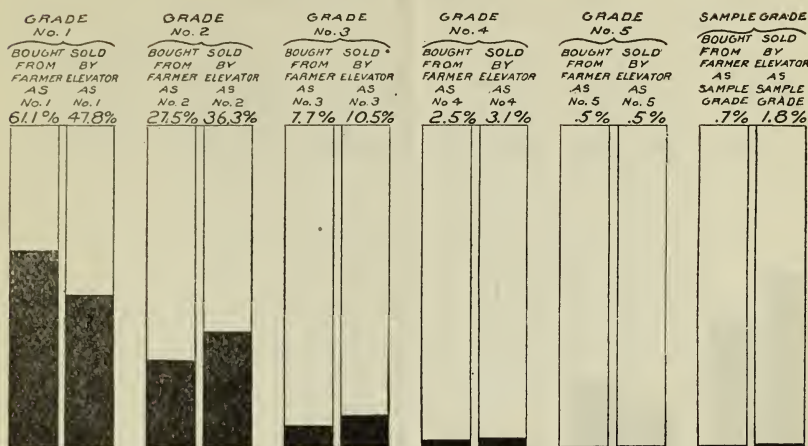


FIG. 8.

## MONTANA

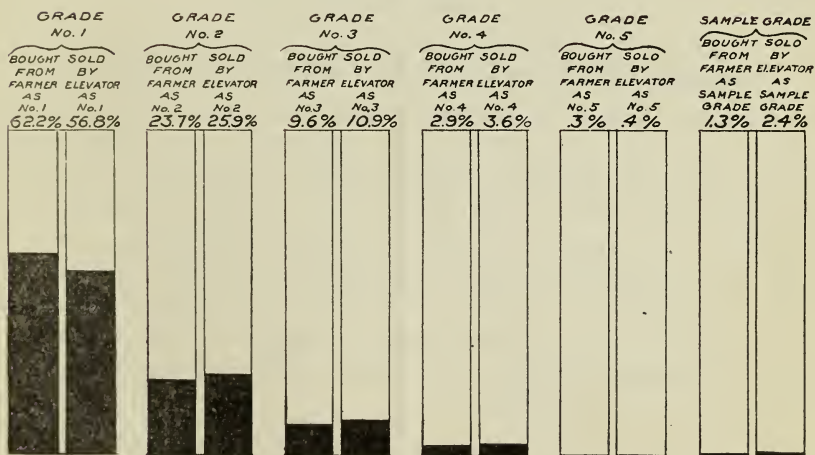


FIG. 9.

FIGS. 8-9—Grades received by farmers upon delivery of 1917 crop of Hard Red Spring wheat at country elevators in South Dakota and Montana, and grades received by country elevator upon sale or shipment. (The percentage marks indicate the proportion of the crop falling into each grade.)

(August 1, 1917, to March 31, 1918.)

**AVERAGE**  
FOR  
**MINNESOTA, NORTH DAKOTA, SOUTH DAKOTA AND MONTANA**

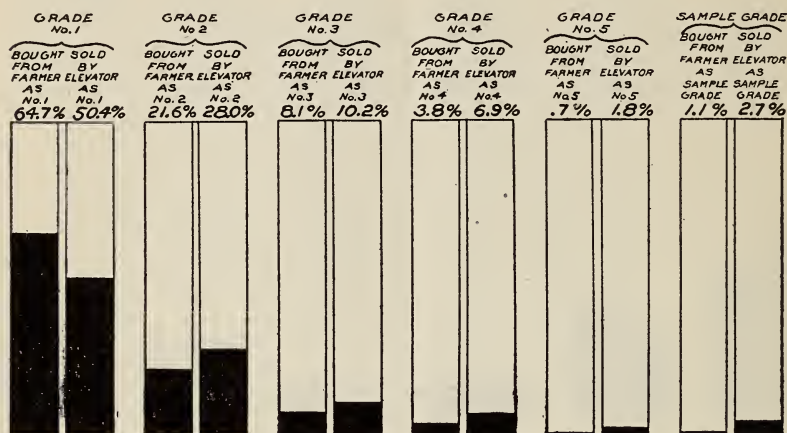


FIG. 10.

FIG. 10.—Average of grades received by farmers upon delivery of 1917 crop of Hard Red Spring wheat at country elevators and grades received by country elevators upon sale or shipment. (The percentage marks indicate the proportion of the crop falling into each grade.)

(August 1, 1917, to March 31, 1918.)

**REVISED WHEAT STANDARDS EFFECTIVE JULY 15, 1918.**

As the result of its experience since August 1, 1917, with the present standards, together with the suggestions and advice received from farmers and others at numerous public hearings and through the mails, the Department of Agriculture has prepared a revised set of standards which were promulgated by the Secretary of Agriculture on April 13, 1918, and which will become effective on July 15, 1918. The revised standards are published in full in Service and Regulatory Announcements No. 33, of the Bureau of Markets. The revised standards for Hard Red Spring wheat, tabulated and abridged, are shown at the back of this publication.

The revised standards contain a number of important changes in the direction of greater simplicity and easier application.

**SUMMARY OF CHANGES IN HARD RED SPRING WHEATS.**

The following changes with reference to hard red spring wheat have been incorporated in the revised standards:

## DEFINITION OF TERMS.

*Wheat.*—The definition of wheat has been changed so as to permit wheat when free from dockage to contain as much as 10 per cent of other grains. Under the present standards only 6 per cent of other grains is permitted. The definition has further been changed to exclude emmer, spelt, and einkorn.

*Dockage.*—Under the Federal standards wheat is graded after the dockage is removed. Dockage includes sand, dirt, weed seeds, weed stems, chaff, straw, grain other than wheat, and any other foreign material which can be removed readily from the wheat by the use of appropriate sieves and cleaning devices; also, undeveloped, shriveled, and small pieces of wheat kernels removed in properly separating the foreign material and which can not be recovered by properly rescreening or recleaning. The new definition of dockage makes clear that inspectors, when necessary, shall rescreen and reclean the dockage to prevent throwing of wheat kernels and large pieces of wheat into the dockage. Furthermore, dockage is expressed in terms of whole per centum, fractions being disregarded. If the wheat contains less than 1 per cent dockage, no dockage is assigned.

*Foreign material other than dockage.*—Foreign material which can not be removed from the wheat in the determination of dockage usually consists of other cereal grains such as rye, barley, oats, etc., and of various weed seeds such as wild peas, corn cockle, darnel, wild rose, chess, kinghead, etc. These cereal grains remaining in the wheat are not considered as detrimental as the presence of the weed seeds and other foreign material. In the revised standards cereal grains will be permitted in each grade in larger quantities than the weed seeds or other foreign material. Furthermore, no special discrimination will be made against wild peas, corn cockle, darnel, wild rose, etc., these being classed on the same basis as other foreign material, with the exception of cereal grains.

In the revised standards the term "inseparable foreign material" has been replaced by the more accurate designation "foreign material other than dockage."

The following table compares the limits for foreign material other than dockage allowed in the present Federal standards and in the revised standards:

PRESENT FEDERAL GRADES			REVISED FEDERAL GRADES		
Inseparable foreign material			Foreign material other than dockage		
Grade No.	Total	Kinghead, corn cockle, vetch, darnel, wild rose, either singly or combined.	Grade No.	Total	Other than cereal grains
	%	%		%	%
1.....	0.5	0.25	1.....	1	0.5
2.....	1.0	0.5	2.....	2	1.0
3.....	2.0	1.0	3.....	3	2.0
4.....	4.0	2.0	4.....	5	3.0
5.....	6.0	3.0	5.....	7	5.0



*Smutty wheat.*—The number of smut balls permitted in the wheat, before the word “smutty” is required to be added to the grade designation, has been increased from one to two balls in fifty grams of wheat.

*Subclasses.*—Hard Red Spring wheat will be divided into three subclasses instead of four, as in the present standards.

. Present subclasses.

Dark Northern Spring,  
Northern Spring,  
Red Spring,  
Red Spring Humpback.

Revised subclasses.

Dark Northern Spring,  
Northern Spring,  
Red Spring.

The subclass Red Spring Humpback has been eliminated, and wheat containing more than 10 per cent of this variety will fall into the Red Spring subclass. However, the grade No. 1 Dark Northern Spring and No. 1 Northern Spring may not contain more than 5 per cent of the humpback variety.

The minimum requirement of dark, hard and vitreous kernels of the subclass Dark Northern Spring has been reduced from 85 per cent to 75 per cent. This permits wheat containing between 75 per cent and 85 per cent of dark, hard and vitreous kernels, which at present is classed as Northern Spring, to be classed as Dark Northern Spring under the revised standards.

#### GRADE REQUIREMENTS.

Changes in grade requirements have been made with a view, primarily, of a simplification of the standards and a moderation of grade requirements. This is true especially with respect to the factors moisture and admixtures of wheat of other classes. With reference to the latter, grade No. 1 permits 5 per cent of wheat of other classes, except in certain admixtures which do not occur frequently and which are especially detrimental. Likewise, wheat will not be graded lower than No. 2 on account of the presence of wheat of other classes, except where the admixture is decidedly undesirable and occurs very rarely on the farm. These decidedly undesirable admixtures may cause wheat to be graded No. 3, but never lower.

*Moisture.*—The Hard Red Spring wheat of the crops of 1911 to 1916, inclusive, with respect to moisture content, was sufficiently dry to permit 50.7 per cent to grade No. 1, and 72.3 per cent to grade No. 2 or better under the present standards. The average moisture content of Spring wheat for these years was 13.4 per cent. The amount of moisture allowed by the present standards in grade No. 1 is 13.5 per cent. The revised standards increase the percentage to 14. Based upon past crops, this increase would permit an average for all years of 63.2 per cent to grade No. 1, an increase of 12.5 per cent.

The percentage of moisture allowed in the various grades in the revised standards is as follows:

- No. 1 increased from 13.5 to 14.0 per centum.
- No. 2 no change—remains at 14.5 per centum.
- No. 3 increased from 14.5 to 15.0 per centum.
- No. 4 increased from 15.5 to 16.0 per centum.
- No. 5 increased from 15.5 to 16.0 per centum.

*Admixtures of other wheats.*—A radical change has been made in the amounts of other wheat permitted in the higher grades. The changes are as follows:

- No. 1 changed from 2 to 5 per centum.
- No. 2 changed from 4 to 10 per centum.
- No. 3 changed from 5 to 10 per centum.
- No. 4 no change—remains at 10 per centum.
- No. 5 no change—remains at 10 per centum.

Only in rare cases will wheat grade lower than No. 2 on account of mixture of other wheats. Under this arrangement a much smaller proportion of the crop should be graded down on account of this factor than has been the case heretofore.

*Weight per bushel.*—With respect to the test weight per bushel requirements, the changes in the Hard Red Spring class are as follows:

- No. 1 reduced from 59 to 58 lbs.
- No. 2 no change—remains at 57 lbs.
- No. 3 no change—remains at 55 lbs.
- No. 4 no change—remains at 53 lbs.
- No. 5 reduced from 51 to 50 lbs.

*Damaged kernels and heat-damaged kernels.*—The changes with respect to “damaged kernels” and “heat-damaged kernels” are shown below:

Total damaged (including heat-damaged):

- No. 1 increased from 1 to 2 per centum.
- No. 2 no change—remains at 4 per centum.
- No. 3 no change—remains at 7 per centum.
- No. 4 no change—remains at 10 per centum.
- No. 5 no change—remains at 15 per centum.

Heat-damaged:

- No. 1 allowance of 0.1 per centum—formerly none allowed.
- No. 2 increased from 0.1 to 0.2 per centum.
- No. 3 no change—remains at 0.5 per centum.
- No. 4 no change—remains at 1.0 per centum.
- No. 5 no change—remains at 3.0 per centum.

**REVISED STANDARDS FOR HARD RED SPRING WHEAT.**

Effective July 15, 1918.

*Section 15 of the Official Grain Standards of the United States  
for wheat, tabulated and abridged.*

(See Note.)

(The numbered footnotes below must be read in connection  
with the tabulation.)

Grade No.	Minimum limits of test weight per bushel	Moisture	Maximum limits of—				
			Damaged kernels		Foreign material other than dockage		Wheats of other classes
			Total	Heat damage	Total	Matter other than cereal grains	Total
1	Lbs. 58	P. ct. 14.0	P. ct. 2	P. ct. 0.1	P. ct. 1	P. ct. 0.5	P. ct. 5
2	57	14.5	4	.2	2	1.0	10
3	55	15.0	7	.5	3	2.0	10
4	53	16.0	10	1.0	5	3.0	10
5	50	16.0	15	3.0	7	5.0	10
Sample*	..	....	..	...	..	...	..

\* *Sample grade.*—Shall be wheat of the appropriate subclass which does not come within the requirements of any of the grades from No. 1 to No. 5, inclusive, or which has any commercially objectionable foreign odor, except of smut, garlic, or wild onions, or is very sour, or is heating, hot, infested with live weevils or other insects injurious to stored grain, or is otherwise of distinctly low quality, or contains small, inseparable stones or cinders.

- (1) The wheat in grade No. 1 shall be bright.
- (2) The wheat in grades Nos. 1 to 4, inclusive, shall be cool and sweet.
- (3) The wheat in grade No. 5 shall be cool, but may be musty or slightly sour.
- (4) The wheat in grade No. 1 Dark Northern Spring and grade No. 1 Northern Spring may contain not more than 5 per cent of the hard red spring wheat variety Humpback.
- (5) For each subclass of Hard Red Spring, grade No. 1 and grade No. 2 may contain not more than 2 per cent and 5 per cent, respectively, of common white, white club, and durum wheat, either singly or in any combination.

NOTE.—For grades of Mixed wheat, Treated wheat, Garlicky wheat, and Smutty wheat see sections Nos. 21, 22, 23 and 24, respectively, of the official grain standards of the United States for wheat.

The above tabulation does not constitute in whole the official grain standards of the United States for Hard Red Spring wheat.

M345

U. S. DEPARTMENT OF AGRICULTURE.

BUREAU OF MARKETS,

CHARLES J. BRAND, CHIEF.

SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 37.<sup>1</sup>

A SUMMARY OF FACTS ASCERTAINED FROM REPORTS MADE TO THE SECRETARY OF AGRICULTURE BY INSPECTORS LICENSED TO INSPECT AND GRADE SHELLED CORN AND WHEAT UNDER THE UNITED STATES GRAIN STANDARDS ACT AND FROM VOLUNTARY REPORTS OF ELEVATORS OR WAREHOUSES IN GRAIN MARKETS OF THE UNITED STATES DURING THE PERIOD MAY 1, 1917, TO OCTOBER 31, 1917.

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Davenport, Iowa.....	32	63	67	75	Milwaukee, Wis.....	8	51	69	78
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<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 36.



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Seattle, Wash.....	30	50	71	80	Wichita Falls, Tex.....	36	59	73	82
Sheldon, Ill.....	26		71		Winchester, Ind.....	28	61	73	82
Sherman, Tex.....	38	60	72	80	Winfield, Kans.....	38	54	73	82
Sioux City, Iowa.....	24	55	72	80	Winona, Minn.....		58		82
Spokane, Wash.....	39	55	72	80					

## INTRODUCTION.

This announcement sets forth a summary of the inspections performed and the grades assigned by licensed inspectors throughout the United States on shipments of shelled corn and wheat under the provisions of the United States grain standards act during the period May 1, 1917, to October 31, 1917, inclusive. It also contains the summaries of such inspections and gradings of shelled corn and wheat as delivered to and shipped from the various elevators and warehouses in the grain markets of the United States, together with estimated amounts of shelled corn and wheat received at or shipped from such elevators or warehouses by type or sample, during this period.

Standards for spring wheat were made effective under the grain standards act on August 1, 1917, and for all other wheat on July 1, 1917. The reports herein contained therefore include inspections on these wheats respectively from the date the standards became effective, to and including October 31, 1917.

These summaries are published pursuant to the provisions of section 7 of the United States grain standards act, approved August 11, 1916 (39 Stat. L., p. 482). Section 7 provides, in part, as follows:

The Secretary of Agriculture shall require every inspector licensed under this Act to keep complete and correct records of all grain graded and inspected by him, and to make reports to the Secretary of Agriculture, in such forms and at such times as he may require, showing the place of inspection, the date of inspection, the name of the elevator or warehouse, if any, to which the grain was delivered or from which it was shipped, the kind of grain, the quantity of each kind, the grade thereof, and such other information as the Secretary of Agriculture may deem necessary. The Secretary of Agriculture, on each first Tuesday in January and each first Tuesday in July of each year shall make publication of a summary of such facts as are ascertained, showing in as great detail as possible all the facts, including a summary as to the amount and grade of grain delivered to the elevator or warehouse and the amount and grade of grain delivered from such elevator or warehouse, and the estimated amount received on sample or type by such elevator or warehouse, and the estimated amount delivered therefrom on sample or type.

Semiannual publication of a true and correct record of the amount and grade of grain for which standards have been fixed under the Act and which is delivered to and shipped from elevators and warehouses in the various grain markets, was contemplated by Congress pursuant to this section through reports made by licensed inspectors to the Secretary of Agriculture.

The summaries here submitted represent the second semiannual report published by the Secretary of Agriculture under the above provision. As indicated in the first report (Service and Regulatory Announcements (Markets) No. 23) it has been found that practical conditions which are met in the inspection of grain prevent full compliance with that part of the section requiring licensed inspectors to report the name of the elevator or warehouse to which the grain inspected and graded by them is delivered. The inspector, acting only as such, can not always comply with this particular requirement. Customarily he inspects and grades grain immediately upon its arrival at a market, or as soon thereafter as possible. In consequence, the inspector ordinarily has no actual knowledge of the disposition made of the grain inspected by him. No authority is contained in the Act to require elevators or warehouses to submit such reports. Any summary of facts ascertained by the Secretary of Agriculture through such reports as are made by licensed inspectors in accordance with the present requirement of the Act, in so far as the amounts of grain reported as delivered to elevators or warehouses is concerned, will necessarily be incomplete and inaccurate and in this respect may be misleading.

The material contained in the report is set forth in three parts, as follows:

PART I.—A series of tables compiled from reports of licensed inspectors showing the number of cars of shelled corn, and the grade thereof, inspected and graded by licensed inspectors at the grain markets of the United States where such inspections were located, from May 1, 1917, to October 31, 1917, inclusive.

PART II.—A series of tables compiled from reports of licensed inspectors showing the number of cars of wheat, and the grade thereof, inspected and graded by licensed inspectors at the grain markets of the United States where such inspectors were located, from August 1, 1917, for spring wheat, and from July 1, 1917, for all other wheats, to October 31, 1917.

PART III. A.—A series of tables compiled from reports of licensed inspectors showing the number of cars of shelled corn, and the grade thereof, inspected and graded by them and delivered to and from elevators or warehouses in the grain markets of the United States where such inspectors were located, from May 1, 1917, to October 31, 1917, inclusive; and showing, also, as ascertained from voluntary reports of elevators or warehouses, the estimated amount of shelled

corn received on sample or type by each such elevator or warehouse and the estimated amount delivered therefrom on sample or type from May 1, 1917, to October 31, 1917, inclusive.

B.—A series of tables compiled from reports of licensed inspectors showing the number of cars of wheat, and the grade thereof, inspected and graded by them and delivered to and from elevators or warehouses in the grain markets of the United States where such inspectors were located, from July 1, 1917, for winter wheats, and from August 1, 1917, for spring wheats, to October 31, 1917, inclusive; and showing, also, as ascertained from voluntary reports of elevators or warehouses, the estimated amounts of such wheats received on sample or type by each such elevator or warehouse and the estimated amount delivered therefrom on sample or type during the same period.

### PART I.

#### TABLES SHOWING NUMBER OF CAR RECEIPTS AND SHIPMENTS OF SHELLLED CORN, INSPECTED AND GRADED BY LICENSED INSPECTORS, TOGETHER WITH THE GRADE ASSIGNED TO EACH CAR.

[Each table represents a single market and the markets are arranged according to the number of cars reported as having been inspected therein during the period of May 1, 1917, to Oct. 31, 1917, inclusive.]

#### OMAHA, NEBR.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.
1917, May.....	White...	24	301	122	17	5	2	.....	.....	336	155	3	.....	1	.....
	Yellow...	14	336	210	338	4	6	.....	4	347	236	3	.....	.....	.....
	Mixed...	5	338	288	44	7	16	.....	.....	575	504	7	2	3	.....
Total.....		43	975	620	399	16	24	18	41,258	895	13	2	4	3	
1917, June.....	White...	12	606	126	14	4	5	.....	2	444	45	1	.....	.....	.....
	Yellow...	11	660	224	26	5	8	.....	19	444	73	1	.....	.....	.....
	Mixed...	41,188	605	115	27	53	.....	.....	1,880	239	12	4	3	.....	.....
Total.....		27	2,454	955	155	36	66	27	21,2768	357	14	4	3	1	
1917, July.....	White...	31	480	80	12	3	10	.....	5	590	52	2	.....	.....	.....
	Yellow...	18	505	84	19	.....	15	.....	5	516	38	1	.....	.....	.....
	Mixed...	9	943	428	61	30	73	.....	31,200	301	29	6	3	.....	.....
Total.....		58	1,928	592	92	33	98	53	13,2,306	391	32	6	3	6	
1917, August.....	White...	51	282	71	40	7	.....	.....	10	445	91	64	14	.....	.....
	Yellow...	72	343	95	30	3	8	.....	19	534	18	15	2	.....	.....
	Mixed...	23	848	420	181	40	62	.....	5	808	409	55	13	2	.....
Total.....		146	1,473	586	251	50	70	57	34,1,787	518	134	29	2	4	
1917, September.....	White...	8	207	95	17	3	2	.....	1	249	44	6	2	.....	.....
	Yellow...	28	334	61	11	4	10	.....	9	297	10	.....	.....	1	.....
	Mixed...	15	577	325	60	17	36	.....	1	424	192	9	2	2	.....
Total.....		51	1,118	481	88	24	48	21	11	970	246	15	4	3	2
1917, October.....	White...	5	82	45	7	4	4	.....	2	117	24	1	2	.....	.....
	Yellow...	21	168	48	13	5	7	.....	5	232	14	3	.....	.....	.....
	Mixed...	48	410	194	74	24	21	.....	.....	419	148	10	4	3	.....
Total.....		74	660	287	94	33	32	28	7	768	186	14	6	3	.....
Total cars, each grade, May 1 to October 31, 1917, inclusive.		400	8,608	3,521	1,079	192	338	204	90	9,857	2,593	222	51	18	16



## CHICAGO, ILL.

Year and month.	Color.	In terms of carloads.															
		Receipts by grade.								Shipments by grade.							
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	
1917, May.....	{White...	6	503	206	12	4	10	.....	.....	341	331	4	.....	1	.....	.....	.....
	{Yellow...	58	1,017	539	40	9	36	.....	3	361	356	9	2	2	.....	.....	.....
	{Mixed...	11	319	406	65	9	54	.....	.....	159	393	9	1	9	.....	.....	.....
Total.....		75	1,839	1,205	117	22	100	69	3	861	1,080	22	3	12	14	.....	.....
1917, June.....	{White...	32	453	110	13	4	17	.....	1	131	230	1	.....	.....	.....	.....	.....
	{Yellow...	232	1,744	304	43	14	76	.....	2	490	150	.....	.....	.....	.....	.....	.....
	{Mixed...	51	821	300	53	9	99	.....	.....	780	147	1	1	15	.....	.....	.....
Total.....		315	3,018	714	109	27	192	154	3	1,401	527	2	1	15	1	.....	.....
1917, July.....	{White...	9	234	73	9	3	10	.....	.....	160	49	.....	.....	1	.....	.....	.....
	{Yellow...	49	897	156	24	3	57	.....	2	420	39	1	.....	1	.....	.....	.....
	{Mixed...	5	578	263	38	12	173	.....	1	413	71	4	16	4	.....	.....	.....
Total.....		63	1,709	492	71	18	240	177	3	993	159	5	16	6	1	.....	.....
1917, August.....	{White...	31	212	40	4	.....	7	.....	.....	83	53	2	.....	.....	.....	.....	.....
	{Yellow...	120	677	88	5	3	26	.....	1	409	16	.....	.....	.....	.....	.....	.....
	{Mixed...	38	802	160	20	6	90	.....	.....	90	35	.....	.....	5	.....	.....	.....
Total.....		189	1,691	288	29	9	123	110	1	582	104	2	.....	5	.....	.....	.....
1917, September.....	{White...	14	108	27	5	4	3	.....	6	40	49	.....	.....	.....	.....	.....	.....
	{Yellow...	265	429	62	15	4	15	.....	31	309	59	.....	.....	.....	.....	.....	.....
	{Mixed...	58	703	177	51	22	40	.....	1	137	129	1	.....	.....	.....	.....	.....
Total.....		337	1,240	266	71	30	58	44	38	486	237	1	.....	.....	.....	.....	.....
1917, October.....	{White...	17	80	27	3	1	2	.....	.....	49	10	.....	.....	.....	.....	.....	.....
	{Yellow...	212	364	70	14	6	10	.....	17	301	6	.....	.....	.....	.....	.....	.....
	{Mixed...	153	798	154	53	20	27	.....	.....	85	37	.....	.....	5	.....	.....	.....
Total.....		382	1,242	251	70	27	39	49	17	435	53	.....	.....	5	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		1,361	10,739	3,216	467	133	752	603	65	4,758	2,160	32	20	43	16	.....	.....

## BALTIMORE, MD.

1917, May.....	{White...	1	18	25	5	.....	.....	.....	.....	7	23	.....	.....	.....	.....	.....	.....
	{Yellow...	35	120	82	10	1	6	.....	.....	71	.....	.....	.....	.....	.....	.....	.....
	{Mixed...	14	71	220	31	6	33	.....	.....	48	637	.....	.....	.....	.....	.....	.....
Total.....		50	209	327	46	7	39	7	.....	126	660	.....	.....	.....	.....	.....	.....
1917, June.....	{White...	33	156	44	2	.....	35	.....	1	5	.....	.....	.....	.....	.....	.....	.....
	{Yellow...	109	254	56	3	2	73	.....	.....	8	4	2	.....	.....	.....	.....	.....
	{Mixed...	128	487	129	14	5	97	.....	.....	13	9	.....	1	1	.....	.....	.....
Total.....		270	897	229	19	7	205	47	1	26	13	2	1	3	4	.....	.....
1917, July.....	{White...	79	153	8	.....	.....	20	.....	2	1	1	.....	.....	.....	.....	.....	.....
	{Yellow...	72	130	6	2	1	20	.....	1	16	.....	2	.....	2	.....	.....	.....
	{Mixed...	405	665	43	7	2	120	.....	103	944	624	3	1	5	.....	.....	.....
Total.....		556	948	57	9	3	160	53	106	961	625	5	1	7	8	.....	.....
1917, August.....	{White...	18	9	2	.....	.....	1	.....	.....	10	1	.....	.....	1	.....	.....	.....
	{Yellow...	37	28	2	.....	1	3	.....	1	7	1	.....	.....	1	.....	.....	.....
	{Mixed...	70	129	24	.....	.....	63	.....	82	329	2	1	.....	3	.....	.....	.....
Total.....		125	166	28	.....	1	67	154	83	346	4	1	.....	5	104	.....	.....
1917, September.....	{White...	2	75	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
	{Yellow...	10	13	1	.....	.....	1	.....	3	22	.....	.....	.....	.....	.....	.....	.....
	{Mixed...	25	28	9	1	1	1	.....	1	384	36	.....	.....	31	.....	.....	.....
Total.....		37	116	10	1	1	2	180	5	408	36	.....	.....	31	212	.....	.....



## BALTIMORE, MD.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, October.....	{White... Yellow... Mixed..	1 2 2	28 10 8	..... 8 .....	..... 1 .....	..... ..... .....	2 ..... .....	..... ..... .....	2 ..... .....	1 5 65	..... ..... 126	..... ..... 1	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		3	38	8	1	.....	2	.....	2	71	126	1	.....	.....	159
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		1,041	2,374	659	76	19	475	441	197	1,938	1,464	9	2	46	437

## PEORIA, ILL.

1917, May.....	{White... Yellow... Mixed..	..... 10 .....	25 68 8	18 78 34	1 2 4	2 1 1	1 1 1	..... ..... .....	..... ..... .....	21 84 45	18 90 .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		10	101	130	7	4	3	12	.....	105	153	.....	.....	.....	.....
1917, June.....	{White... Yellow... Mixed..	17 145 107	108 782 580	30 210 193	2 25 21	1 6 12	12 69 84	..... ..... .....	..... 2 .....	35 148 200	7 33 64	..... ..... .....	..... ..... 2	..... ..... .....	..... ..... .....
Total.....		269	1,470	433	48	19	165	123	2	383	104	.....	.....	2	.....
1917, July.....	{White... Yellow... Mixed..	6 120 138	52 539 626	7 85 127	3 8 29	..... 8 13	5 38 81	..... ..... .....	..... 3 7	12 103 67	2 3 61	..... ..... .....	..... ..... 3	..... ..... 3	..... ..... .....
Total.....		264	1,217	229	30	21	124	112	10	182	66	.....	.....	3	4
1917, August.....	{White... Yellow... Mixed..	3 108 191	13 222 730	1 41 141	2 4 49	1 5 13	4 34 63	..... ..... .....	..... 1 28	5 95 167	2 5 17	3 ..... 17	..... ..... 1	7 ..... 3	..... ..... .....
Total.....		302	965	183	55	19	101	67	39	267	24	20	1	10	.....
1917, September.....	{White... Yellow... Mixed..	5 32 30	7 71 203	4 17 45	..... 5 39	1 ..... 14	..... ..... 21	..... ..... .....	..... 2 1	132 ..... 57	..... ..... 12	..... ..... 5	..... ..... .....	4 ..... 1	..... ..... .....
Total.....		67	281	66	44	15	42	17	3	189	12	5	.....	5	5
1917, October.....	{White... Yellow... Mixed..	..... 30 57	5 73 146	2 9 32	1 5 12	1 ..... 9	1 7 7	..... ..... .....	..... 2 .....	6 75 47	2 ..... .....	..... ..... .....	..... ..... .....	2 ..... 3	..... ..... .....
Total.....		87	224	43	18	10	15	48	2	128	2	.....	.....	5	12
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		999	4,258	1,084	202	88	450	379	56	1,254	361	25	1	25	21

## INDIANAPOLIS, IND.

1917, May.....	{White... Yellow... Mixed..	16 5 2	414 195 110	378 254 93	12 16 11	2 2 1	6 8 7	..... ..... .....	2 1 .....	64 162 79	173 276 81	5 6 .....	2 1 .....	1 5 .....	..... ..... .....
Total.....		23	719	725	39	5	21	11	3	305	530	11	4	6	.....
1917, June.....	{White... Yellow... Mixed..	18 9 2	431 174 102	265 150 70	13 16 3	3 1 2	16 9 6	..... ..... .....	1 1 .....	70 110 95	22 86 36	..... ..... 1	..... ..... .....	1 1 .....	..... ..... .....
Total.....		29	717	485	32	6	31	22	2	275	144	1	.....	2	3

## INDIANAPOLIS, IND.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, July.....	White...	34	316	136	7	2	20	.....	1	136	31	2	.....	6	.....
	Yellow...	10	152	91	8	4	11	.....	2	84	36	.....	.....	.....	.....
	Mixed...	6	164	50	3	2	23	.....	1	102	21	.....	.....	1	.....
Total.....		50	632	277	18	8	54	9	4	322	88	2	.....	7	2
1917, August.....	White...	46	177	60	1	.....	6	.....	.....	67	5	.....	.....	3	.....
	Yellow...	17	85	36	2	.....	3	.....	1	49	20	.....	.....	.....	.....
	Mixed...	37	141	40	4	2	5	.....	1	91	9	2	.....	.....	.....
Total.....		100	403	136	7	2	14	9	2	207	34	2	.....	3	.....
1917, September.....	White...	101	163	40	2	.....	1	.....	7	51	1	.....	.....	.....	.....
	Yellow...	13	51	18	.....	.....	2	.....	1	36	7	1	.....	2	.....
	Mixed...	47	102	30	5	2	6	.....	11	61	3	.....	1	.....	.....
Total.....		161	316	88	7	2	9	8	19	148	11	1	1	2	.....
1917, October.....	White...	122	88	38	10	10	10	.....	6	16	1	.....	.....	1	.....
	Yellow...	22	33	9	1	1	3	.....	6	37	4	1	.....	1	.....
	Mixed...	49	38	14	17	3	5	.....	10	39	13	3	.....	.....	.....
Total.....		193	159	61	28	14	18	37	22	92	18	4	.....	2	2
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		556	2,946	1,772	131	37	147	96	52	1,349	825	21	5	22	7

## NEW YORK, N. Y.

1917, May.....	White...	107	54	11	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	4	66	205	5	3	.....	.....	4	.....	.....	.....	.....	.....	.....
	Mixed...	1	252	613	10	8	20	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		5	425	872	26	10	25	6	.....	4	.....	.....	.....	.....	.....
1917, June.....	White...	5	16	4	.....	1	.....	.....	6	.....	.....	.....	.....	.....	.....
	Yellow...	33	119	21	2	19	.....	.....	1	.....	.....	.....	.....	.....	.....
	Mixed...	170	237	35	14	55	.....	.....	164	218	.....	.....	.....	.....	.....
Total.....		208	372	60	16	75	12	.....	171	218	.....	.....	.....	.....	.....
1917, July.....	White...	7	6	1	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....
	Yellow...	55	110	6	2	21	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	763	1,274	354	87	1	177	.....	875	39	.....	.....	.....	.....	.....
Total.....		825	1,390	361	89	1	200	16	875	39	.....	.....	.....	1	.....
1917, August.....	Yellow...	11	5	.....	1	2	.....	.....	9	.....	1	.....	.....	.....	.....
	Mixed...	15	12	1	.....	4	.....	.....	43	.....	.....	.....	.....	.....	.....
Total.....		26	17	1	1	6	6	.....	52	.....	1	.....	.....	.....	.....
1917, September.....	White...	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	16	9	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	24	33	1	4	1	.....	.....	.....	.....	.....	.....	16	.....	.....
Total.....		40	43	1	4	2	2	.....	.....	.....	.....	.....	16	.....	.....
1917, October.....	Yellow...	5	.....	.....	.....	.....	.....	.....	4	2	.....	.....	.....	.....	.....
	Mixed...	44	11	4	1	1	.....	.....	37	120	.....	.....	.....	.....	.....
Total.....		49	11	4	1	1	.....	1	37	124	2	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		1,153	2,258	1,299	137	12	308	43	37	1,226	259	1	16	1	.....

## MILWAUKEE, WIS.

Year and month.	Color.	In terms of carloads.															
		Receipts by grade.								Shipments by grade.							
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	
1917, May.....	{White...	13	84	73	1	1	1	.....		5	8	1	.....	.....	.....	.....	.....
	{Yellow...	3	78	125	10	.....	10	.....		46	202	9	1	.....	.....	.....	.....
	{Mixed...	3	31	100	17	1	.....	.....		15	63	3	2	.....	.....	.....	.....
Total.....		19	193	298	28	2	11	21		66	273	13	3	.....	.....	3	
1917, June.....	{White...	74	108	22	.....	.....	5	.....		2	.....	.....	.....	.....	.....	.....	.....
	{Yellow...	76	315	35	4	.....	20	.....		4	248	83	3	.....	2	.....	.....
	{Mixed...	51	201	46	5	1	73	.....		2	283	16	46	2	3	.....	.....
Total.....		201	624	103	9	1	98	58		6	533	99	49	2	5	3	
1917, July.....	{White...	52	43	4	1	.....	2	.....		10	.....	.....	.....	.....	.....	.....	.....
	{Yellow...	96	150	14	5	.....	37	.....		7	373	16	10	.....	24	.....	.....
	{Mixed...	76	121	18	9	.....	82	.....		1	250	2	8	1	5	.....	.....
Total.....		224	314	36	15	.....	121	95		8	633	18	18	1	29	17	
1917, August.....	{White...	114	61	17	12	1	2	.....		7	2	1	.....	.....	.....	.....	.....
	{Yellow...	78	52	5	5	1	4	.....		18	51	2	2	.....	.....	.....	.....
	{Mixed...	72	87	10	25	5	31	.....		4	64	5	7	.....	17	.....	.....
Total.....		264	200	32	42	7	37	32		29	117	8	9	.....	17	5	
1917, September.....	{White...	115	43	9	4	2	.....	.....		3	4	.....	.....	.....	.....	.....	.....
	{Yellow...	52	31	5	2	1	3	.....		12	75	1	2	.....	.....	.....	.....
	{Mixed...	30	36	20	3	1	4	.....		2	23	6	3	.....	1	.....	.....
Total.....		197	110	34	9	4	7	3		17	102	7	5	.....	1	.....	.....
1917, October.....	{White...	107	36	21	3	.....	3	.....		1	1	.....	.....	.....	.....	.....	.....
	{Yellow...	50	29	7	4	1	7	.....		7	94	4	2	.....	.....	.....	.....
	{Mixed...	25	23	10	5	2	1	.....		10	13	3	1	.....	.....	.....	.....
Total.....		182	88	38	12	3	11	6		18	108	7	3	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		1,087	1,529	541	115	17	285	215		78	1,559	412	97	6	52	28	

## KANSAS CITY, MO.

1917, May.....	{White...	99	347	121	10	.....	.....	.....		5	291	18	.....	.....	.....	.....	.....
	{Yellow...	15	68	33	3	3	.....	.....		6	28	9	.....	1	1	.....	.....
	{Mixed...	22	235	120	38	9	6	.....		5	84	65	5	3	1	.....	.....
Total.....		136	650	274	51	12	6	16		16	403	92	5	4	2	1	
1917, June.....	{White...	56	101	16	3	1	.....	.....		30	257	16	1	.....	.....	.....	.....
	{Yellow...	24	35	5	2	.....	.....	.....		4	21	7	.....	.....	.....	.....	.....
	{Mixed...	52	161	56	24	3	6	.....		14	211	43	1	.....	1	.....	.....
Total.....		132	297	77	29	4	6	10		48	489	66	2	.....	1	3	
1917, July.....	{White...	53	103	15	4	.....	2	.....		15	107	1	.....	.....	.....	.....	.....
	{Yellow...	22	17	1	1	.....	.....	.....		2	7	.....	.....	.....	.....	.....	.....
	{Mixed...	22	60	26	7	2	1	.....		26	135	26	10	4	.....	.....	.....
Total.....		97	180	42	12	2	3	9		43	249	27	10	4	.....	2	
1917, August.....	{White...	84	103	18	1	.....	1	.....		25	145	3	.....	.....	.....	.....	.....
	{Yellow...	19	18	3	1	.....	.....	.....		4	5	1	.....	.....	.....	.....	.....
	{Mixed...	57	88	30	4	1	1	.....		9	60	13	1	.....	1	.....	.....
Total.....		160	209	51	6	1	2	5		38	210	17	1	.....	1	1	
1917, September.....	{White...	40	40	5	6	.....	.....	.....		36	124	10	1	1	.....	.....	.....
	{Yellow...	19	20	3	2	.....	.....	.....		6	11	.....	.....	.....	.....	.....	.....
	{Mixed...	36	65	33	4	2	2	.....		35	131	8	1	.....	1	.....	.....
Total.....		95	125	41	12	2	2	11		77	266	18	2	1	1	.....	.....



## KANSAS CITY, MO.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, October.....	{ White... Yellow... Mixed...	44 10 43	69 19 79	14 2 36	3 1 10	..... ..... 2	..... ..... 1	..... ..... 1	10 1 45	85 26 73	4 ..... 9	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		97	167	52	14	2	1	15	56	184	13	.....	.....	.....	1
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		717	1,628	537	124	23	20	66	278	1,801	233	20	9	5	8

## TOPEKA, KANS.

1917, May.....	{ White... Yellow... Mixed...	2 160 1	2,117 219 335	210 21 87	1 ..... 1	..... ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	704 ..... 659	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		163	2,671	318	2	1	4	.....	.....	1,363	.....	.....	.....	.....	.....
1917, June.....	{ White... Yellow... Mixed...	5 4 3	1 8 18	..... 2 9	..... ..... 2	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		12	27	11	2	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
1917, July.....	{ White... Yellow... Mixed...	9 1 3	12 1 3	..... 3 4	..... ..... .....	..... ..... .....	..... ..... 1	..... ..... .....	2 ..... .....	1 ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		13	16	7	.....	.....	1	.....	2	1	1	.....	.....	.....	.....
1917, August.....	{ White... Yellow... Mixed...	2 2 7	9 ..... 5	2 ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		11	14	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, September.....	{ White... Yellow... Mixed...	9 2 3	2 2 16	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		14	20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, October.....	{ White... Yellow... Mixed...	3 ..... 11	1 ..... 4	1 ..... .....	1 ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		14	6	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		227	2,754	340	5	1	1	7	2	1	1,364	.....	.....	.....	.....

## ST. JOSEPH, MO.

1917, May.....	{ White... Yellow... Mixed...	20 7 11	242 76 101	56 22 31	6 5 4	4 ..... 4	3 ..... 1	..... ..... .....	202 89 113	13 6 63	..... 3 2	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		38	419	109	15	8	4	1	404	82	5	.....	.....	.....	.....
1917, June.....	{ White... Yellow... Mixed...	71 27 30	75 41 92	7 9 12	..... 1 3	..... ..... .....	1 1 4	..... ..... .....	142 64 122	14 7 7	1 ..... .....	1 ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		128	208	28	4	.....	6	.....	328	28	1	1	.....	.....	1



## ST. JOSEPH, MO.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, July.....	{White...	44	77	11	.....	.....	3	.....	1	164	2	8	1	.....	.....
	{Yellow...	17	22	1	.....	.....	.....	.....	.....	32	.....	.....	.....	.....	.....
	{Mixed...	26	89	20	8	1	2	.....	1	101	6	6	.....	1	.....
Total.....		87	188	32	8	1	5	3	2	297	8	14	1	1	1
1917, August.....	{White...	62	79	10	.....	.....	.....	.....	2	94	1	.....	.....	.....	.....
	{Yellow...	32	21	.....	.....	.....	.....	.....	.....	24	.....	.....	.....	.....	.....
	{Mixed...	42	54	6	10	.....	3	.....	.....	41	1	1	.....	.....	.....
Total.....		136	154	16	10	.....	3	.....	2	159	2	1	.....	.....	.....
1917, September.....	{White...	54	81	5	.....	.....	.....	.....	2	105	8	9	.....	.....	.....
	{Yellow...	24	17	3	.....	.....	.....	.....	1	27	1	.....	.....	.....	.....
	{Mixed...	25	85	6	4	6	1	.....	1	23	4	5	.....	.....	.....
Total.....		103	183	14	4	6	1	1	4	155	13	14	.....	.....	.....
1917, October.....	{White...	48	70	4	3	.....	1	.....	.....	85	1	1	.....	.....	.....
	{Yellow...	9	8	.....	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	.....
	{Mixed...	20	38	10	5	2	.....	.....	1	14	5	.....	.....	.....	.....
Total.....		77	116	14	8	2	1	2	1	106	7	1	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		569	1,268	213	49	17	20	7	9	1,449	140	36	2	1	2

## ST. LOUIS, MO.

1917, May.....	{White...	33	121	53	7	.....	.....	.....	1	79	17	.....	.....	.....	.....
	{Yellow...	21	160	98	5	.....	1	.....	.....	9	10	.....	.....	.....	.....
	{Mixed...	20	72	39	3	.....	.....	.....	.....	19	16	1	.....	.....	.....
Total.....		74	353	190	15	.....	2	3	1	107	43	1	.....	.....	.....
1917, June.....	{White...	76	90	9	1	1	1	.....	2	31	2	.....	.....	.....	.....
	{Yellow...	71	173	15	.....	.....	4	.....	.....	10	3	.....	.....	.....	.....
	{Mixed...	36	82	11	2	.....	1	.....	3	49	4	.....	.....	.....	.....
Total.....		183	345	35	3	1	6	5	5	90	9	.....	.....	.....	.....
1917, July.....	{White...	68	45	9	1	.....	.....	.....	5	18	.....	1	.....	.....	.....
	{Yellow...	75	132	5	.....	.....	3	.....	1	17	4	.....	.....	1	.....
	{Mixed...	86	188	20	1	1	6	.....	3	39	1	.....	.....	2	.....
Total.....		229	365	34	2	1	9	9	9	74	5	1	.....	3	.....
1917, August.....	{White...	56	47	4	4	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
	{Yellow...	96	141	12	.....	.....	.....	.....	4	9	.....	.....	.....	.....	.....
	{Mixed...	89	181	29	3	1	4	.....	3	32	.....	.....	.....	1	.....
Total.....		241	369	45	7	1	4	1	7	44	.....	.....	.....	1	1
1917, September.....	{White...	35	14	1	.....	.....	1	.....	1	2	1	.....	.....	.....	.....
	{Yellow...	34	26	3	1	.....	.....	.....	3	2	.....	.....	.....	.....	.....
	{Mixed...	24	56	5	1	.....	.....	.....	1	4	1	.....	.....	.....	.....
Total.....		93	96	9	2	.....	1	1	5	8	2	.....	.....	.....	.....
1917, October.....	{White...	20	19	25	6	3	.....	.....	.....	1	4	.....	.....	.....	.....
	{Yellow...	34	34	15	5	2	.....	.....	.....	6	.....	.....	1	.....	.....
	{Mixed...	27	54	31	21	5	2	.....	1	1	7	1	.....	.....	.....
Total.....		81	107	71	32	10	2	26	1	8	11	1	1	.....	4
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		901	1,635	384	61	13	24	45	28	331	70	3	1	4	5

## BUFFALO, N. Y.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, May.....	White...	1	15	23	3	.....	1	.....	3	5	5	.....	.....	.....	.....
	Yellow...	9	28	23	3	2	16	.....	3	34	125	7	.....	1	.....
	Mixed...	3	12	17	4	.....	5	.....	.....	6	14	.....	.....	1	.....
Total.....		13	55	63	10	2	22	13	3	45	141	7	.....	2	3
1917, June.....	White...	16	40	9	.....	.....	4	.....	3	8	.....	.....	.....	.....	.....
	Yellow...	105	264	48	1	2	20	.....	27	167	47	3	.....	7	.....
	Mixed...	9	42	11	2	.....	8	.....	3	26	6	1	.....	9	.....
Total.....		130	346	68	3	2	32	19	33	201	53	4	.....	16	10
1917, July.....	White...	4	10	5	.....	.....	.....	.....	2	6	1	.....	.....	1	.....
	Yellow...	59	123	11	1	2	12	.....	14	130	39	3	1	15	.....
	Mixed...	7	43	16	2	.....	1	.....	2	18	6	.....	.....	2	.....
Total.....		70	176	32	3	2	13	18	18	154	46	3	1	18	3
1917, August.....	White...	2	18	3	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....
	Yellow...	88	233	15	5	1	19	.....	38	95	16	.....	.....	1	.....
	Mixed...	11	52	20	2	1	4	.....	2	8	3	.....	.....	2	.....
Total.....		101	303	38	7	2	23	20	42	103	19	.....	.....	3	6
1917, September.....	White...	6	6	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Yellow...	48	128	16	1	.....	6	.....	31	60	14	.....	.....	1	.....
	Mixed...	9	34	16	.....	.....	1	.....	.....	30	4	1	1	2	.....
Total.....		63	168	33	1	.....	7	.....	31	91	18	1	1	3	2
1917, October.....	White...	9	13	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....
	Yellow...	91	96	7	5	.....	.....	.....	32	58	12	1	.....	.....	.....
	Mixed...	18	25	1	2	.....	.....	.....	3	17	2	4	.....	2	.....
Total.....		118	134	8	8	.....	.....	6	36	77	14	5	.....	2	5
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		495	1,182	242	32	8	97	82	163	671	294	20	2	44	29

## TERRE HAUTE, IND.

1917, May.....	White...	101	149	11	.....	.....	.....	.....	93	25	.....	.....	.....	.....	.....
	Yellow...	27	75	1	.....	.....	.....	.....	88	2	.....	.....	.....	.....	.....
	Mixed...	21	11	1	.....	.....	.....	.....	5	19	.....	.....	.....	.....	.....
Total.....		149	235	13	.....	.....	3	.....	186	46	.....	.....	.....	.....	.....
1917, June.....	White...	166	164	3	.....	.....	.....	.....	3	13	.....	.....	.....	.....	.....
	Yellow...	117	91	5	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	33	63	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		316	318	10	.....	1	3	.....	4	13	.....	.....	.....	.....	.....
1917, July.....	White...	121	91	5	.....	.....	.....	.....	84	.....	.....	.....	.....	.....	.....
	Yellow...	48	66	2	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....
	Mixed...	67	124	4	.....	1	.....	.....	.....	17	.....	.....	.....	.....	.....
Total.....		236	281	11	.....	1	12	.....	87	17	.....	.....	.....	.....	.....
1917 Aug.....	White...	82	51	1	.....	.....	.....	.....	30	.....	.....	.....	.....	.....	.....
	Yellow...	31	50	1	.....	.....	.....	.....	38	.....	.....	.....	.....	.....	.....
	Mixed...	92	156	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
Total.....		205	257	4	.....	.....	1	.....	69	.....	.....	.....	.....	.....	.....
1917, September.....	White...	87	67	.....	.....	1	.....	.....	45	.....	.....	.....	.....	.....	.....
	Yellow...	33	32	.....	.....	.....	.....	.....	41	.....	.....	.....	.....	.....	.....
	Mixed...	34	85	1	.....	.....	.....	.....	26	.....	.....	.....	.....	.....	.....
Total.....		154	184	1	.....	1	2	.....	112	.....	.....	.....	.....	.....	.....

## TERRE HAUTE, IND.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.
1917, October.....	White.....		26	25	1					58	16				
	Yellow.....		22	13	1					98					
	Mixed.....		26	33	4					54					
Total.....			74	71	6				2	210	16				
Total cars, each grade, May 1 to Oct. 31, 1917 inclusive.			1,134	1,346	45		3		23	668	92				

## MINNEAPOLIS, MINN.

1917, May.....	White.....	1	2	11	4					1	7	3			
	Yellow.....	5	41	120	17	3	1			3	104	38	3	3	
	Mixed.....		28	114	48	4	6			2	147	70	12	5	
Total.....		6	71	245	69	7	7	23		6	258	111	15	8	15
1917, June.....	White.....	7	13	3					1	6	6	1			
	Yellow.....	41	169	49	15	4			2	40	57	17	3	2	
	Mixed.....	12	132	84	39	10	10		2	28	107	47	20	14	
Total.....		60	314	138	54	14	10	51	5	74	170	65	23	16	3
1917, July.....	White.....	2	3							2	3	1			
	Yellow.....	24	55	19	18	3	9		1	10	12	12	1	1	
	Mixed.....	9	48	29	54	9	31		2	11	15	17	7	20	
Total.....		35	106	48	72	12	40	65	3	29	30	30	8	21	31
1917, August.....	White.....	4	1	1						2					
	Yellow.....	33	23	17	10	2	5			11	6	5			
	Mixed.....	21	55	18	8	1	24		2	18	11	12	2	11	
Total.....		58	79	36	18	3	29	23	8	31	17	17	3	12	13
1917, September.....	White.....	2	1						2	1		1			
	Yellow.....	54	31	7	5		1		2	5	1	1			
	Mixed.....	17	43	9	7	1	3		1	3	4	1		2	
Total.....		73	75	16	12	1	4	8	5	9	5	3		2	
1917, October.....	White.....	5	2												
	Yellow.....	17	17	7	3		6		7	13	1	2	1		
	Mixed.....	15	28	8	4	1	5		9	13	5	3		1	
Total.....		37	47	15	7	1	11	4	16	26	6	5	1	1	1
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		269	692	496	232	38	101	174	37	175	486	231	50	60	93

## CINCINNATI, OHIO.

1917, May.....	White.....	31	133	42	3				6	49	16				
	Yellow.....	11	109	44	3	2			1	28	13	2			
	Mixed.....	12	93	32	3	9	3		1	20	36				
Total.....		54	335	118	9	11	3	14	8	97	65	2			2
1917, June.....	White.....	49	78	6	2		4		4	51	2				
	Yellow.....	35	108	20	4	1	8			45	1				
	Mixed.....	21	80	14	2	2	4			33	1	2			
Total.....		105	266	40	8	3	16	19	4	129	4	2			



## CINCINNATI, OHIO—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, July.....	White...	30	40	5	.....	3	7	.....	27	37	5	.....	.....	.....	.....
	Yellow...	65	124	31	.....	1	1	.....	8	46	.....	.....	.....	.....	.....
	Mixed...	43	112	15	3	1	4	.....	5	18	.....	.....	.....	.....	.....
Total.....		138	276	51	3	5	12	5	40	101	5	.....	.....	.....	.....
1917, August.....	White...	36	16	2	1	.....	1	.....	4	11	.....	.....	.....	1	.....
	Yellow...	32	62	4	2	.....	1	.....	3	21	2	.....	.....	.....	.....
	Mixed...	45	73	7	4	1	2	.....	6	21	.....	.....	.....	.....	.....
Total.....		113	151	13	7	1	4	5	13	53	2	.....	.....	1	.....
1917, September.....	White...	39	14	2	.....	.....	3	.....	14	9	.....	.....	.....	.....	.....
	Yellow...	29	19	2	.....	.....	.....	.....	5	26	.....	.....	.....	.....	.....
	Mixed...	24	39	9	2	1	.....	.....	4	27	1	.....	.....	.....	.....
Total.....		92	72	13	2	1	3	5	23	62	1	.....	.....	.....	.....
1917, October.....	White...	20	9	3	.....	.....	.....	.....	5	5	.....	.....	.....	1	.....
	Yellow...	30	25	5	5	.....	2	.....	7	8	2	1	.....	.....	.....
	Mixed...	30	28	6	1	1	1	.....	2	10	1	1	.....	.....	.....
Total.....		80	62	14	6	1	3	1	14	23	3	2	.....	1	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		582	1,162	249	35	22	41	49	102	465	80	6	.....	2	2

## PHILADELPHIA, PA.

1917, May.....	White...	8	7	4	2	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Yellow...	9	25	13	1	.....	.....	.....	2	.....	1	.....	.....	.....	.....
	Mixed...	5	63	69	4	7	2	.....	.....	37	.....	1	.....	1	.....
Total.....		22	95	86	7	7	7	2	2	37	1	2	.....	1	6
1917, June.....	White...	1	9	4	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	71	65	7	4	.....	17	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	24	175	4	5	.....	5	.....	.....	222	.....	.....	.....	.....	.....
Total.....		95	249	15	9	.....	23	13	.....	222	.....	.....	.....	.....	2
1917, July.....	White...	1	7	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	27	62	5	4	1	4	.....	.....	5	.....	.....	.....	2	.....
	Mixed...	229	304	26	21	4	13	.....	.....	128	.....	.....	.....	1	.....
Total.....		257	373	31	25	5	19	14	.....	133	.....	.....	.....	3	4
1917, August.....	White...	1	2	1	.....	.....	.....	.....	.....	3	.....	3	.....	1	.....
	Yellow...	8	6	2	.....	.....	2	.....	1	.....	.....	.....	.....	.....	.....
	Mixed...	30	85	6	3	.....	3	.....	.....	296	.....	.....	.....	.....	.....
Total.....		39	93	9	3	.....	5	20	1	299	.....	3	.....	1	1
1917, September.....	White...	3	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	7	7	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	96	165	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....
Total.....		106	173	.....	1	1	1	8	.....	1	.....	.....	.....	.....	.....
1917, October.....	Yellow...	8	5	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	6	8	2	.....	.....	.....	.....	2	103	1	.....	.....	.....	.....
Total.....		14	13	2	1	.....	1	9	2	103	1	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		533	996	143	46	13	56	66	5	795	2	5	.....	5	13



## EAST ST. LOUIS, ILL.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, May.....	White..... Yellow..... Mixed.....	16 12 7	203 178 95	91 78 24	4 1 6	..... 1 1	10 1 3	..... ..... .....	..... ..... .....	51 18 1	6 3 19	..... ..... 2	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		35	476	193	11	2	14	4	.....	70	28	2	.....	.....	.....
1917, June.....	White..... Yellow..... Mixed.....	20 48 18	73 109 52	10 9 4	1 ..... 2	..... ..... .....	..... 4 2	..... ..... .....	..... ..... .....	7 32 1	..... 11 13	1 3 .....	..... ..... .....	..... ..... .....	1 1 2
Total.....		86	234	23	3	.....	6	3	17	56	4	.....	.....	4	.....
1917, July.....	White..... Yellow..... Mixed.....	20 40 57	26 31 47	2 1 11	1 1 2	..... ..... 1	2 5 7	..... ..... .....	..... ..... .....	1 4 2	..... 1 2	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		117	104	14	4	1	14	8	3	7	1	.....	.....	.....	.....
1917, August.....	White..... Yellow..... Mixed.....	7 21 51	19 13 23	3 ..... 5	..... ..... .....	..... ..... 1	2 ..... 4	..... ..... .....	..... ..... .....	2 2 .....	1 ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		78	46	9	.....	1	6	5	4	2	.....	.....	.....	.....	.....
1917, September.....	White..... Yellow..... Mixed.....	8 7 16	18 10 47	1 ..... 6	1 ..... 1	..... ..... .....	1 1 3	..... ..... .....	..... ..... .....	..... ..... 3	1 ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		31	75	7	2	.....	5	.....	.....	3	1	.....	.....	.....	.....
1917, October.....	White..... Yellow..... Mixed.....	9 22 44	21 18 96	9 12 23	2 3 21	4 3 9	5 1 9	..... ..... .....	..... ..... .....	1 ..... 1	..... 1 .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... 1
Total.....		75	135	41	35	16	15	25	.....	2	1	.....	.....	1	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		422	1,070	287	55	20	60	45	24	140	35	2	.....	5	.....

## NEW ORLEANS, LA.

1917, May.....	White...		12	8						10	21				
	Yellow...	3	68	65			3			16	15				1
	Mixed...		8	5	2					29		1	1	1	
Total.....		3	88	78	2		3	4		55	36	1	1	2	1
1917, June.....	White...	9	31	11	1	1				34	9	2			
	Yellow...	52	168	19	2		5								
	Mixed...	18	43	18	6	2	1		6						
Total.....		79	242	48	9	3	6	1	6	34	9	2			2
1917, July.....	White...	17	5	1	2					7					
	Yellow...	108	89	13		1	8		13	56	1				
	Mixed...	76	24	15			6			370					
Total.....		201	118	29	2	1	14	1	13	433	1				
1917, August.....	White...	6	3						6	7					
	Yellow...	21	7	4					37	42					
	Mixed...	19	7	6					3	3	2				
Total.....		46	17	10				2	46	52	2				
1917, September.....	Yellow...	19	6		1				14	21					
	Mixed...	14	41	4	1					39					
Total.....		33	47	4	2			3	14	60					

## NEW ORLEANS, LA.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, October.....	White.....	1	3	11	7	.....	5	.....	2	11	8	.....	.....	.....	.....
	Yellow.....	1	3	4	.....	.....	1	.....	5	2	1	.....	1	.....	.....
	Mixed.....	2	11	5	.....	.....	3	.....	2	28	2	.....	.....	1	.....
Total.....		3	15	20	7	.....	9	79	9	41	11	.....	1	1	3
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		365	527	189	22	4	32	90	88	675	59	3	2	3	6

## KANSAS CITY, KANS.

1917, May.....	White.....	31	137	24	8	2	1	.....	5	55	5	1	.....	.....	.....
	Yellow.....	12	38	16	1	.....	.....	.....	1	17	8	.....	.....	.....	.....
	Mixed.....	18	86	44	9	4	.....	.....	2	59	17	3	.....	.....	.....
Total.....		61	261	84	18	6	1	6	8	131	30	4	.....	.....	1
1917, June.....	White.....	50	39	6	.....	.....	.....	.....	22	26	.....	.....	.....	.....	.....
	Yellow.....	14	18	1	2	.....	.....	.....	4	13	3	.....	.....	.....	.....
	Mixed.....	64	94	23	12	3	.....	.....	21	146	8	2	1	.....	.....
Total.....		128	151	30	14	3	.....	7	47	185	11	2	1	.....	.....
1917, July.....	White.....	37	7	2	.....	.....	.....	.....	2	5	1	1	.....	.....	.....
	Yellow.....	9	4	1	1	.....	5	.....	1	16	2	.....	.....	.....	.....
	Mixed.....	8	23	3	2	.....	.....	.....	1	11	5	2	.....	.....	.....
Total.....		54	34	6	3	.....	5	4	4	32	8	3	.....	.....	1
1917, August.....	White.....	46	22	4	1	.....	.....	.....	5	3	.....	.....	.....	.....	.....
	Yellow.....	13	5	1	1	.....	.....	.....	4	6	.....	.....	.....	.....	.....
	Mixed.....	34	13	5	3	.....	.....	.....	2	19	2	1	.....	.....	.....
Total.....		93	40	9	5	1	.....	1	11	28	2	1	.....	.....	.....
1917, September.....	White.....	24	19	3	1	.....	.....	.....	9	.....	.....	.....	.....	.....	.....
	Yellow.....	7	9	1	3	.....	.....	.....	1	.....	.....	.....	.....	.....	.....
	Mixed.....	21	42	9	7	.....	.....	.....	1	3	.....	2	.....	.....	.....
Total.....		52	70	13	11	.....	.....	1	11	3	.....	2	.....	.....	1
1917, October.....	White.....	34	20	5	1	.....	.....	.....	.....	2	.....	1	.....	.....	.....
	Yellow.....	15	.....	1	.....	.....	.....	.....	3	6	.....	.....	.....	.....	.....
	Mixed.....	55	44	10	5	4	3	.....	2	56	1	1	.....	.....	.....
Total.....		104	64	16	6	4	3	2	5	64	1	2	.....	.....	2
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		492	620	158	57	14	9	21	86	443	52	14	1	.....	5

## LOUISVILLE, KY.

1917, May.....	White.....	26	97	23	.....	1	5	.....	1	48	14	1	.....	.....	.....
	Yellow.....	1	22	14	.....	.....	.....	.....	.....	15	8	.....	1	.....	.....
	Mixed.....	5	30	22	2	2	4	.....	.....	24	13	3	3	6	.....
Total.....		32	149	59	2	3	9	5	1	87	35	4	4	6	.....
1917, June.....	White.....	22	57	1	.....	.....	.....	.....	2	46	4	2	1	.....	.....
	Yellow.....	10	22	2	.....	1	.....	.....	2	9	3	.....	.....	.....	.....
	Mixed.....	11	60	5	3	.....	3	.....	.....	43	15	3	2	.....	.....
Total.....		43	139	8	3	.....	4	3	4	98	22	5	3	.....	1

## LOUISVILLE, KY.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, July.....	White ..	9	104	6	1	.....	5	.....	.....	32	1	1	.....	2	.....
	Yellow..	17	88	9	.....	1	5	.....	.....	9	1	.....	.....	5	.....
	Mixed ..	19	175	19	3	5	9	.....	.....	23	.....	8	1	.....	.....
Total.....		45	367	34	4	6	19	8	.....	64	2	9	1	7	1
1917, August.....	White ..	11	76	2	.....	1	2	.....	.....	35	.....	.....	.....	.....	.....
	Yellow..	2	46	2	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....
	Mixed ..	8	258	15	2	1	3	.....	.....	32	.....	.....	.....	.....	.....
Total.....		21	380	19	2	2	5	4	.....	72	.....	.....	.....	.....	1
1917, September.....	White ..	2	45	2	.....	.....	1	.....	.....	5	.....	.....	.....	.....	.....
	Yellow..	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed ..	1	22	2	.....	.....	1	.....	.....	7	1	.....	.....	.....	.....
Total.....		3	69	4	.....	.....	2	3	.....	12	1	.....	.....	.....	.....
1917, October.....	White ..	1	26	.....	7	7	2	.....	.....	7	.....	1	1	.....	.....
	Yellow..	.....	5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed ..	.....	6	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Total.....		1	37	.....	7	7	2	7	.....	10	.....	1	1	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		145	1,141	124	18	18	41	27	5	343	60	19	9	13	3

## ATCHISON, KANS.

1917, May.....	White...	29	180	49	2	.....	1	.....	.....	77	10	.....	.....	.....	.....
	Yellow..	3	12	4	1	.....	1	.....	1	8	7	.....	.....	.....	.....
	Mixed ..	.....	18	12	.....	.....	.....	.....	.....	34	5	1	1	2	.....
Total.....		32	210	65	3	.....	2	.....	1	119	22	1	1	2	.....
1917, June.....	White...	21	119	15	3	.....	.....	.....	9	124	7	.....	.....	.....	.....
	Yellow..	8	13	1	.....	.....	.....	.....	4	16	.....	.....	.....	.....	.....
	Mixed ..	5	51	13	1	.....	.....	.....	.....	75	2	.....	.....	.....	.....
Total.....		34	183	29	4	.....	.....	1	13	215	9	.....	.....	.....	.....
1917, July.....	White...	13	87	8	2	1	.....	.....	51	5	.....	.....	.....	.....	.....
	Yellow..	6	2	1	.....	.....	.....	.....	3	13	.....	.....	.....	.....	.....
	Mixed ..	3	42	10	.....	.....	1	.....	2	48	9	4	.....	.....	.....
Total.....		22	131	19	2	1	1	1	56	66	9	4	.....	.....	.....
1917, August.....	White...	4	126	25	8	1	2	.....	.....	73	4	.....	1	.....	.....
	Yellow..	4	13	1	.....	.....	.....	.....	1	12	.....	1	.....	.....	.....
	Mixed ..	6	35	11	1	3	1	.....	2	58	7	1	.....	.....	.....
Total.....		14	174	37	9	4	3	.....	3	143	11	2	1	.....	.....
1917, September.....	White...	22	49	7	1	.....	.....	.....	2	9	1	1	.....	.....	.....
	Yellow..	1	4	2	1	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
	Mixed ..	5	15	10	5	.....	.....	.....	2	21	5	1	1	.....	.....
Total.....		28	68	19	7	.....	.....	.....	4	33	6	2	1	.....	.....
1917, October.....	White...	14	40	11	1	2	.....	.....	2	3	1	.....	.....	.....	.....
	Yellow..	2	2	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
	Mixed ..	3	6	.....	2	1	1	.....	.....	14	5	1	.....	.....	.....
Total.....		19	48	12	3	3	1	2	2	19	6	1	.....	.....	1
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		149	794	181	28	8	7	4	79	595	63	10	3	2	1



## NASHVILLE, TENN.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, May.....	White...	32	112	77	7	1			15	66	19	1			
	Yellow...	5	30	106						6	11				
	Mixed...	3	14	18	7				1	18	32				
Total.....		40	156	201	14	1			16	90	62	1			1
1917, June.....	White...	8	24	10	1		1		13	72	20	1			
	Yellow...	12	13	9			1		4	7	3				
	Mixed...	6	9	8	6				1	23	26	3	1	1	
Total.....		26	46	27	7		2	1	18	102	49	4	1	1	1
1917, July.....	White...	18	35	9					17	57	18	2			
	Yellow...	19	13	2					1	3					
	Mixed...	2	7	2	4				13	7	2	1			
Total.....		39	55	13	4			1	31	67	20	3			1
1917, August.....	White...	4	18	12	3	1				15	3		1		
	Yellow...	3	6												
	Mixed...	1	20	3	9	1				5	8	1			
Total.....		8	44	15	12	2		2		20	11	1	1		2
1917, September.....	White...		6						3	26	5	1			
	Yellow...								1	1					
	Mixed...		3	2						3	1	2			
Total.....			9	2				1	4	30	6	3			1
1917, October.....	White...	1		3	2	10	5			1	6	10	2	2	
	Yellow...	3	1	1		1									
	Mixed...	3	1			4	5				4	2		3	
Total.....		7	2	4	2	15	10	21		1	11	12	2	5	4
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		120	312	262	39	18	12	23	69	310	159	54	4	6	10

## MEMPHIS, TENN.

1917, May.....	White...	3	102	86						5	8				
	Yellow...		71	62						4	6				
	Mixed...		34	21			1	2		2	3				
Total.....		3	207	169				1	2		11	17			
1917, June.....	White...	5	57	15	1	1			1	4					
	Yellow...	9	82	11						5	2				
	Mixed...	3	25	6		1	2			2	3	1		1	
Total.....		17	164	32	1	2	2	2	1	11	5	1		1	1
1917, July.....	White...	18	93	8			1			5					
	Yellow...	14	37	2			1		1	5	1				
	Mixed...	2	31	5			1			4					
Total.....		34	161	15			2		1	14	1				
1917, August.....	White...	4	28	2			1			1	1				
	Yellow...	2	8	2											
	Mixed...	2	23	8			2				3				
Total.....		8	59	12			3	1		1	4				
1917, September.....	White...	6	14	4			2								
	Yellow...	3	5	1											
	Mixed...		6	5			1				1				
Total.....		9	25	10			3	2			1				



## MEMPHIS, TENN.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, October.....	{White.....	.....	7	10	8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{Yellow.....	.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	{Mixed.....	.....	2	12	19	.....	.....	.....	.....	.....	2	5	1	.....	.....
Total.....		.....	12	23	29	.....	.....	9	.....	.....	2	5	1	.....	3
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		71	628	261	30	2	11	16	2	37	30	6	1	1	4

## HENDERSON, KY.

1917, May.....	{White.....	.....	5	8	.....	.....	.....	.....	.....	258	1	.....	.....	.....	.....
	{Yellow.....	.....	1	1	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....
	{Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	22	.....	.....	.....	.....	.....
Total.....		.....	6	9	.....	.....	.....	.....	.....	284	1	.....	.....	.....	.....
1917, June.....	{White.....	.....	1	.....	.....	.....	.....	.....	.....	189	.....	.....	.....	.....	.....
	{Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	19	1	.....	.....	.....	.....
Total.....		.....	1	.....	.....	.....	.....	.....	.....	208	1	.....	.....	.....	.....
1917, July.....	{White.....	.....	10	6	.....	.....	.....	.....	.....	215	.....	.....	.....	.....	.....
	{Mixed.....	.....	2	2	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....
Total.....		.....	12	8	.....	.....	.....	1	.....	238	.....	.....	.....	.....	.....
1917, August.....	{White.....	.....	10	6	.....	.....	.....	.....	.....	104	.....	.....	.....	.....	.....
	{Mixed.....	.....	6	2	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	.....
Total.....		.....	16	8	.....	.....	.....	.....	.....	127	.....	.....	.....	.....	.....
1917, September.....	{White.....	.....	.....	.....	.....	.....	.....	.....	.....	57	11	.....	.....	.....	.....
	{Mixed.....	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Total.....		.....	1	.....	.....	.....	.....	.....	.....	60	11	.....	.....	.....	.....
1917, October.....	{White.....	.....	.....	2	.....	.....	.....	.....	.....	1	5	18	.....	.....	.....
	{Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	5	.....	.....	.....
Total.....		.....	.....	2	.....	.....	.....	.....	.....	3	6	23	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		.....	36	27	.....	.....	.....	1	.....	920	19	23	.....	.....	.....

## MISSOURI VALLEY, IOWA.

1917, May.....	{White.....	.....	10	1	.....	1	.....	.....	.....	9	.....	.....	.....	.....	.....
	{Yellow.....	.....	20	6	1	.....	.....	.....	.....	39	3	.....	.....	.....	.....
	{Mixed.....	.....	14	2	1	.....	1	.....	.....	48	1	.....	.....	.....	.....
Total.....		.....	44	9	2	1	1	2	.....	96	4	.....	.....	.....	.....
1917, June.....	{White.....	.....	22	.....	.....	.....	.....	.....	.....	13	.....	.....	.....	.....	.....
	{Yellow.....	.....	43	.....	.....	.....	.....	.....	.....	30	.....	.....	.....	.....	.....
	{Mixed.....	.....	58	1	1	.....	.....	.....	.....	69	.....	.....	.....	.....	.....
Total.....		.....	123	1	1	.....	.....	1	.....	112	.....	.....	.....	.....	.....
1917, July.....	{White.....	.....	5	.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....	.....
	{Yellow.....	.....	38	.....	1	1	1	.....	.....	54	.....	.....	.....	.....	.....
	{Mixed.....	.....	19	6	4	.....	5	.....	.....	36	2	.....	.....	.....	.....
Total.....		.....	53	6	5	1	6	3	.....	106	2	.....	.....	.....	.....

## MISSOURI VALLEY, IOWA—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, August.....	White...		5	1			1			2	4				
	Yellow...		25		1	2				21					
	Mixed...		37	6	1		4			20	9				
Total.....			67	7	2	2	5	1		43	13				
1917, September.....	White...		2							2					
	Yellow...		13	1						16					
	Mixed...		9	3	2	1				6	9				
Total.....			24	4	2	1				24	9				
1917, October.....	White...		1							3					
	Yellow...			1						3					
	Mixed...		1							1					
Total.....			2	1						7					
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			313	28	12	5	12	7		388	28				

## PITTSBURGH, PA.

1917, May.....	Yellow...	1	73	111	14	1	5								
	Mixed...		8	20	5	1	1								
Total.....		1	81	131	19	2	6	2							
1917, June.....	Yellow...	3	64	30	2		5				2				
	Mixed...		15	4											
Total.....		3	79	34	2		5	5			2				1
1917, July.....	White...	3	1												
	Yellow...	4	97	4	1	1	14								
	Mixed...	1	20				2								
Total.....		8	118	4	1	1	16	8							
1917, August.....	Yellow...	13	96	7		1	9			1					
	Mixed...	4	40	2			2								
Total.....		17	136	9		1	11	12		1					
1917, September.....	Yellow...	3	20	2		5									
	Mixed...	1	9	5											
Total.....		4	29	7		5		2							
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		33	443	185	22	9	38	29		1	2				1

## SUPERIOR, NEBR.

1917, May.....	White...								27	9					
	Yellow...								15	1		1			
	Mixed...								79	27	10	1			
Total.....									121	37	11	1			1
1917, June.....	White...	1	7	1					1	2					
	Yellow...		7	1						5	1				
	Mixed...	1	29	29	4	2			12	6	1				
Total.....		2	43	31	4	2		1	1	19	7	1			

## SUPERIOR, NEBR.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, July .....	White...	.....	9	3	.....	.....	.....	.....	4	27	3	.....	.....	.....	.....
	Yellow...	.....	5	1	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....
	Mixed...	1	44	22	1	4	1	.....	1	66	21	.....	3	.....	.....
Total .....		1	58	26	1	4	1	.....	5	101	24	.....	3	.....	.....
1917, August .....	White...	.....	10	2	.....	.....	.....	.....	.....	23	4	.....	.....	.....	.....
	Yellow...	.....	2	1	.....	.....	.....	.....	1	7	.....	.....	1	.....	.....
	Mixed...	.....	7	7	2	.....	.....	.....	.....	28	9	2	.....	.....	.....
Total .....		.....	19	10	2	.....	.....	1	1	58	13	2	1	.....	.....
1917, September .....	White...	.....	7	2	.....	.....	.....	.....	.....	6	1	.....	.....	.....	.....
	Yellow...	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Mixed...	1	12	10	5	1	.....	.....	1	14	12	2	.....	.....	.....
Total .....		1	20	13	5	1	.....	1	1	21	13	2	.....	.....	.....
1917, October .....	White...	.....	.....	.....	.....	.....	.....	.....	.....	3	5	.....	.....	.....	.....
	Yellow...	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
	Mixed...	.....	3	10	7	4	1	.....	.....	4	9	6	.....	.....	.....
Total .....		.....	4	10	7	4	1	.....	.....	10	14	6	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		4	144	90	19	11	2	3	8	330	108	22	5	.....	1

## CLEVELAND, OHIO.

1917, May .....	White...	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	Yellow...	6	24	15	.....	.....	.....	.....	1	6	56	.....	.....	.....	.....
	Mixed...	1	5	2	.....	1	1	.....	.....	2	11	.....	1	.....	.....
Total .....		7	29	18	.....	1	1	.....	1	8	68	.....	1	.....	.....
1917, June .....	White...	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	14	45	7	.....	.....	2	.....	5	29	8	.....	.....	.....	.....
	Mixed...	4	23	7	.....	.....	.....	.....	.....	12	2	.....	.....	.....	.....
Total .....		18	69	14	.....	.....	2	.....	5	41	10	.....	.....	.....	.....
1917, July .....	White...	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
	Yellow...	9	27	3	.....	.....	.....	.....	4	24	3	.....	.....	.....	.....
	Mixed...	11	9	3	.....	1	1	.....	1	14	2	1	.....	.....	.....
Total .....		20	38	6	.....	1	1	7	5	40	5	1	.....	.....	.....
1917, August .....	Yellow...	13	25	3	1	.....	.....	.....	5	16	3	.....	.....	.....	.....
	Mixed...	7	9	2	.....	.....	.....	.....	5	10	.....	.....	.....	.....	.....
Total .....		20	34	5	1	.....	.....	6	10	26	3	.....	.....	.....	1
1917, September .....	Yellow...	7	14	1	.....	1	.....	.....	2	14	1	.....	.....	.....	.....
	Mixed...	3	11	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total .....		10	25	2	.....	1	.....	1	2	14	1	.....	.....	.....	.....
1917, October .....	Yellow...	9	9	3	.....	.....	.....	.....	2	6	.....	.....	.....	.....	.....
	Mixed...	1	6	1	4	.....	.....	.....	.....	5	.....	.....	.....	.....	.....
Total .....		10	15	4	1	.....	.....	1	2	11	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		85	210	49	2	3	4	15	25	140	87	1	.....	1	1



## TOLEDO, OHIO.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, May.....	White...	3	39	18	1	1				1	5				
	Yellow...	1	23	7				1		8	53	6			
	Mixed...	2	10	5				2		2					
Total.....		6	72	30	1	1	3	8		11	58	6			
1917, June.....	White...	6	55	7						8	1				
	Yellow...	2	25	7						7	2				
	Mixed...	2	14		1					5					
Total.....		10	94	14	1			3		20	3				2
1917, July.....	White...	1	29	10			1			1					
	Yellow...	5	11		1				2	1					
	Mixed...	2	3	2					1	2				1	
Total.....		8	43	12	1		1		3	3				1	
1917, August.....	White...	1	2	2											
	Yellow...	8	16	4	1				1	2					
	Mixed...	2	15	1				1	2	2					
Total.....		11	33	7	1		1	2	3	4					
1917, September.....	White...	1	3		1		1								
	Yellow...	12	26	2					2						
	Mixed...	2	1												
Total.....		15	30	2	1		2		2						
1917, October.....	White...	1	1						1	1					
	Yellow...	5	9	1		1	1								
	Mixed...	4	2	2						1					
Total.....		10	12	3		1	1		1	2					
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		60	284	68	5	2	8	13	9	40	61	6		1	2

## DENVER, COLO.

1917, May.....	White...		6	2											
	Yellow...		23	4						2					
	Mixed...		60	61	6	3	2			31	11		5		
Total.....			89	67	6	3	2	5		33	11		5		
1917, June.....	White...		5								1				
	Yellow...		4	3						2	2				
	Mixed...		16	14		1				21	7		1		
Total.....			25	17		1		1		23	10		1		1
1917, July.....	White...			1		1					3				
	Yellow...		6	3						3	2				
	Mixed...		13	7						16	6	1			
Total.....			19	11		1				19	11	1			
1917, August.....	White...		1	1											
	Yellow...		3	1	2		1			2	1				
	Mixed...		10	6	2					10	11	2			
Total.....			14	8	4		1	1		12	12	2			
1917, September.....	White...		2	1											
	Yellow...		2		1									1	
	Mixed...		9	6						11	6				
Total.....			13	7	1					11	6			1	



## DENVER, COLO.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, October.....	{White.....		4								1				
	{Yellow.....		8	4						1	6				1
	{Mixed.....		19	13	1	1				4	7				4
Total.....			31	17	1	1		1		5	14				5
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			191	127	12	6	3	8		103	64	3	7	5	1

## GALVESTON, TEX.

1917, June.....	{White.....	2	14												
	{Yellow.....	1	1												
	{Mixed.....	3	148	11											
Total.....		6	163	11											
1917, July.....	{White.....		8												
	{Mixed.....		38	7	1					209					
Total.....			46	7	1			5		209					
1917, August.....	{White.....		4												
	{Yellow.....		1												
	{Mixed.....		2	1											
Total.....			7	1				2							
1917, September.....	White.....									2	1				
1917, October.....	{White.....		2												
	{Mixed.....					3									
Total.....			2			3		4							
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		6	218	19	1	3		11		211	1				

## DETROIT, MICH.

1917, May.....	{White.....		10	2						7	8				
	{Yellow.....		53	26			1			22	8				
	{Mixed.....		3	1		1						1			
Total.....			66	29		1	1	1		29	16		1		
1917, June.....	{White.....		1	14	1	1		1		4					
	{Yellow.....		23	43	3	1			1	4	1				
	{Mixed.....			7						1					
Total.....			24	64	4	2		1	1	1	9	1			
1917, July.....	{White.....			6											
	{Yellow.....		7	4											
	{Mixed.....		1	1			1								
Total.....			8	11				1							1
1917, August.....	{White.....		5	1				1							
	{Yellow.....		24	20	4		1								
	{Mixed.....		2	8				1							
Total.....			31	29	4			2	4						

## DETROIT, MICH.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, September.....	{White...	4	2	2											
	{Yellow...	32	11	2											
	{Mixed...	4	7												
Total.....		40	20	4											
1917, October.....	{White...	2	7												
	{Yellow...	13	11						3	1					
	{Mixed...	1	4	1		1									
Total.....		16	22	1		1			3	1					
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		119	212	42	2	2	5	6	4	39	17		1		1

## CEDAR RAPIDS, IOWA.

1917, June.....	{White...		3							1					
	{Yellow...	2	36	5	1		3			42	4				
	{Mixed...	2	14	7	3	1	7			41	4				
Total.....		4	53	12	4	1	10	4		84	8				
1917, July.....	{White...									1					
	{Yellow...	6	9	11			1		8	17	2				
	{Mixed...		5	6			4			5	7				
Total.....		6	14	17			5	4	8	23	9				
1917, August.....	{White...			1							1				
	{Yellow...	1	1	1						3					
	{Mixed...		8	12			2			5	15				
Total.....		1	9	14			2	1		8	20				
1917, September.....	{White...	2	1							2					
	{Yellow...	1	8						2	12					
	{Mixed...		8	5	1					8	2				
Total.....		3	17	5	1			2	2	22	2				
1917, October.....	{White...	2	7	3						2					
	{Yellow...		11	4	1					11					
	{Mixed...									1	1		1		
Total.....		2	18	7	1					14	1		1		
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		16	111	55	6	1	17	11	10	151	40		1		

## FORT WORTH, TEX.

1917, May.....	{White...		33	11			1			26					
	{Yellow...		5	2											
	{Mixed...		20	6	1					6					
Total.....			58	19	1		1	2		32					
1917, June.....	{White...		20	3						36	2				
	{Yellow...		1							2					
	{Mixed...		14	7						12	1				
Total.....			35	10				3		50	3				

## FORT WORTH, TEX.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam-ple.
1917, July.....	{White...		14	1											
	{Yellow...		3	1											
	{Mixed...		10	1			1								
Total.....			27	3			1	2							
1917, August.....	{White...		29							16					
	{Yellow...		1												
	{Mixed...		3												
Total.....			33					1		16					
1917, September.....	{White...		12	1						32					
	{Mixed...									5					
Total.....			12	1				1		37					
1917, October.....	{White...		14	2	1					12					
	{Mixed...		9	9			1			3	1	1			
Total.....			23	11	1		1	1		15	1	1			
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			188	44	2		3	10		150	4	1			

## CHAMPAIGN, ILL.

1917, May.....	{White...									10	4				
	{Yellow...		1							22	61				
	{Mixed...										4				
Total.....			1							32	69				1
1917, June.....	{White...	1	2						1	2					
	{Yellow...	3	21	3						22					
	{Mixed...	3	13	1						26					
Total.....		7	36	4				1	1	50					
1917, July.....	{Yellow...	7	20	4			3		2	28	3				
	{Mixed...	1	7	3	2					5					
Total.....		8	27	7	2		3		2	33	3				
1917, August.....	{White...			1			1								
	{Yellow...	5	12	3			1			28	3				
	{Mixed...		3		1						5				
Total.....		5	15	4	1		2			28	8				
1917, September.....	{White...										3				
	{Yellow...	2	2	1		1			2	6					
Total.....		2	2	1		1			2	6	3				
1917, October.....	Yellow...	2	5						2	6					
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		24	86	16	3	1	5	1	7	155	83				1

## SIOUX CITY, IOWA.

1917, May.....	{White...	1	14	8	2		1				2				
	{Yellow...	5	19	30	2		1				6				
	{Mixed...		8	10	1										
Total.....		6	41	48	5		2				8				



## SIOUX CITY, IOWA—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, June.....	{ White...	4	20	13	1										
	{ Yellow...	9	36	5	4	1				5	1				
	{ Mixed.....		7	7	2	2	3								
Total.....		13	63	25	7	3	3	1		5	1				
1917, July.....	{ White...	2	7	4											
	{ Yellow...	3	16	6		1	1			6					
	{ Mixed.....	10	7		1	1	3								
Total.....		5	33	17	1	2	4	1		6					
1917, August.....	{ White...		10	5	2	1				1					
	{ Yellow...		6	2											
	{ Mixed.....	1	4	3	1										
Total.....		1	20	10	3	1				1					
1917, September.....	{ White...	1	8	2											
	{ Yellow...	1							1	3					
	{ Mixed.....									1					
Total.....		2	8	2					1	4					
1917, October.....	{ White...		1	1						1					
	{ Yellow...		5							1					
	{ Mixed.....			3		1				1					
Total.....			6	4		1		2		2					
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		27	171	106	16	7	9	4	1	18	9				

## LEAVENWORTH, KANS.

1917, May.....	{ White...	17	20	1					36						
	{ Yellow...	2	2	1					4	6					
	{ Mixed.....	8	9		1				15	38					
Total.....		27	31	2	1				55	44					
1917, June.....	{ White...	12	2						30						
	{ Yellow...	4							3						
	{ Mixed.....	10	8						15						
Total.....		26	10				1		48						
1917, July.....	{ White...	5	4						11						
	{ Yellow...								3						
	{ Mixed.....	6	4						13	5					
Total.....		11	8						27	5					
1917, August.....	{ White...	1							2						
	{ Mixed.....	1	2						4						
Total.....		2	2						6						
1917, September.....	Mixed.....	1				1									
Total.....		1				1									
1917, October.....	{ White...	2							2						
	{ Mixed.....	4							6						
Total.....		6							8						
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		73	51	2	2		1		144	49					



## SHELDON, ILL.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, May .....	{White... Yellow... Mixed...	3	2 16 2	1 5 7	2					4 17 53	12 21 53				
Total .....		5	28	13	2		1	4	21	86					
1917, June .....	{White... Yellow... Mixed...									4 10 2		1 27 1			
Total .....									16	28	2				
1917, July .....	{White... Yellow... Mixed...		2 1 2	2 2 2						5 1 8		2			
Total .....			3	6					14	2					
1917, August .....	{White... Yellow...			5 1						6 2					
Total .....			1	5			1		2	8					
1917, September .....	{White... Yellow... Mixed...		1 1							2 3 1		1			
Total .....			2						5	1	1				
1917, October .....	Yellow...	1	1						1						
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		6	35	24	2		1	5	59	125	3				

## HAMMOND, IND.

1917, May .....	{White... Yellow... Mixed...								2	20	2 4 22				
Total .....									2	20	28	3			
1917, June .....	{White... Yellow... Mixed...									2 13 15		1			
Total .....										30	1				
1917, July .....	{White... Yellow... Mixed...									10 31	1 4		1		
Total .....										41	5	1			
1917, August .....	{Yellow... Mixed...									24				3	
Total .....										24				3	1
1917, September .....	Yellow...									17					
1917, October .....	Yellow...									19					
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.									2	151	34	4		3	1

LITTLE ROCK, ARK.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, May	White		6	1						4					
	Yellow		2							1					
	Mixed		6	1						10	6				
Total			14	2						15	6				
1917, June	White		15	6						4					
	Yellow			1						1					
	Mixed		3							6	3				
Total			18	7						11	3				
1917, July	White		4	1						3	1				
	Yellow		4							4	2				
	Mixed			1						12	1				
Total			8	2				1		19	4				
1917, August	White		10	1						11	1				
	Yellow		1	1						2					
	Mixed		3							7					
Total			14	2						20	1				
1917, September	White		3							4					
	Mixed									1					
Total			3							5					
1917, October	White		7	6			1			6	1				
	Mixed			1											
Total			7	7			1			6	1				
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			64	20			1	1		76	15				

WICHITA, KANS.

[illegible]

## WICHITA, KANS.—Continued.

Year and month.	Color.	In terms of carloads.												
		Receipts by grade.							Shipments by grade.					
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6. Sam- ple.
1917, October.....	{White... Yellow... Mixed...	8 1 6	1 ..... .....	..... 1 .....	..... ..... .....	..... 2 .....	..... ..... .....	..... ..... .....	..... ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		15	1	1	2	.....	.....	.....	.....	1	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		58	81	16	7	1	1	2	.....	3	.....	.....	.....	.....

## WINCHESTER, IND.

1917, May.....	{Yellow... Mixed...	..... .....	9 1	2 3	..... .....	..... .....	..... .....	..... .....	..... .....	8 2	1 2	..... .....	..... .....	..... .....
Total.....		.....	10	5	.....	.....	.....	.....	.....	16	3	.....	.....	.....
1917, June.....	{Yellow... Mixed...	1 .....	9 2	4 2	..... .....	..... .....	..... .....	..... .....	..... .....	13 .....	3 4	..... .....	..... .....	..... .....
Total.....		1	11	6	.....	.....	.....	.....	.....	13	7	.....	.....	.....
1917, July.....	{Yellow... Mixed...	3 .....	9 2	2 2	..... .....	..... .....	..... .....	..... .....	2 .....	18 .....	..... 2	..... .....	..... .....	..... .....
Total.....		3	11	4	.....	.....	.....	2	2	18	2	.....	.....	.....
1917, August.....	{Yellow... Mixed...	1 .....	6 1	1 3	..... .....	..... .....	..... .....	..... .....	..... .....	6 1	..... 4	..... .....	..... .....	..... .....
Total.....		1	7	4	.....	.....	.....	.....	.....	7	4	.....	.....	1
1917, September.....	{Yellow... Mixed...	..... .....	..... .....	..... 2	..... .....	..... .....	..... .....	..... .....	..... .....	1 .....	..... .....	..... .....	..... .....	..... .....
Total.....		.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
1917, October.....	{Yellow... Mixed...	..... .....	3 2	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	2 4	..... .....	..... .....	..... .....	..... .....
Total.....		.....	5	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		5	44	21	.....	.....	.....	2	2	55	16	.....	.....	1

## CAIRO, ILL.

1917, May.....	{White... Yellow... Mixed...	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	12 13 3	11 19 2	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		.....	.....	.....	.....	.....	.....	.....	.....	28	32	.....	.....	.....
1917, June.....	{White... Yellow... Mixed...	..... ..... .....	..... 8 1	1 2 .....	..... ..... .....	..... ..... .....	..... 1 .....	..... ..... .....	..... ..... .....	..... 5 1	..... 1 .....	..... ..... 1	..... ..... .....	..... ..... .....
Total.....		.....	9	3	.....	.....	1	.....	.....	6	1	.....	.....	1
1917, July.....	{White... Yellow... Mixed...	..... ..... .....	6 4 2	2 2 .....	..... ..... 1	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....	3 1 3	..... ..... .....	..... ..... .....	..... ..... .....	..... ..... .....
Total.....		.....	12	4	1	.....	.....	.....	.....	7	.....	.....	.....	.....



## CAIRO, ILL.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, August.....	{White.....		1	2		1				2	1				
	{Yellow.....		2							4					
	{Mixed.....		1												
Total.....			4	2		1				6	1				
1917, September.....	Mixed.....									2					
1917, October.....	{White.....										1	3			
	{Yellow.....										3	1	3	2	
	{Mixed.....									2	3	3	3	2	
Total.....										2	4	7	3	2	
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			25	9	1	1	1			51	38	7	3	3	

## BOSTON, MASS.

1917, May.....	{Yellow.....			3	2		2				1				
	{Mixed.....			12	4		3			2	93				
Total.....				15	6		5			2	94				
1917, June.....	Yellow.....		1												
1917, July.....							10								
1917, August.....							1								
1917, October.....	Yellow.....	2													
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		2	1	15	6		5	11		2	94				

## EVANSVILLE, IND.

1917, May.....	{White.....		8							16					
	{Yellow.....		1							3					
	{Mixed.....			1						9					
Total.....			9	1						28					
1917, June.....	{White.....		6							15					
	{Yellow.....		4	1	1					6					
	{Mixed.....			1											
Total.....			10	2	1					21					
1917, July.....	{White.....									7					
	{Yellow.....									2					
	{Mixed.....		1							2					
Total.....			1							9					
1917, August.....	{White.....		2							2					
	{Yellow.....		1												
Total.....			3					1		2					



## EVANSVILLE, IND.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, September.....	White...		4							8					
	Yellow...									1					
	Mixed...		3							2					
Total.....			7							11					
1917, October.....	White...			3			2			3	2				
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			30	6	1		2	1		74	2				

## SEATTLE, WASH.

1917, May.....	Yellow...		2	51	2		1								
	Mixed...			1											
Total.....			2	52	2		1	1							
1917, July.....	Yellow...		1	4	1										
1917, August.....	Yellow...	5	7	4	1										
	Mixed...		1	4	1										
Total.....		5	8	8	2										
1917, September.....	Yellow...	4	3	2											
	Mixed...		4												
Total.....		4	7	2											
1917, October.....	Yellow...		3	1											
	Mixed...		3												
Total.....			6	1											
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		9	24	67	5		1	1							

## KANKAKEE, ILL.

1917, May.....	White...										33				
	Yellow...									8	12				
Total.....										8	45				
1917, June.....	White...										12				
	Yellow...									5	7				
Total.....										5	19				
1917, July.....	White...										8				
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.										13	72				

## NORFOLK, VA.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, May	{White...									9					
	{Yellow...		2								1				
	{Mixed...	1								1					
Total		1	2					1		10	1				
1917, June	{White...		2							10					
	{Yellow...						1								
	{Mixed...		1							9	18				
Total			3				1	3		19	18				
1917, July	{White...									9					
	{Yellow...									1					
Total										10					
1917, August	{White...									3					
	{Yellow...		1												
Total			1							3					
1917, September	White		1							1					
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive..		1	7					1 5		43	19				

## HUTCHINSON, KANS.

1917, May	{White...					1				1					
	{Yellow...		1												
	{Mixed...		18	2	1					5					
Total			19	2	1	1				6					
1917, June	{White...		1												
	{Yellow...		2												
	{Mixed...		6	2						1					
Total			9	2				1		1					
1917, July	{White...		1												
	{Mixed...		3	1						1					
Total			4	1						1					
1917, August	Mixed		3		1					1					
1917, September	Mixed		2	2	1										
1917, October	{White...						2								
	{Mixed...		2	1						2					
Total			2	1			2			2					
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			39	8	3	3		1		11					

## COLUMBUS, OHIO.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, May.....	{Yellow..			4		1	1								
	{Mixed..				1										
Total.....				4	1	1	1	1							
1917, June.....	{Yellow..		5	3											
	{Mixed..		2	1			1								
Total.....			7	4			1	1							
1917, July.....	{Yellow..									10	1				
	{Mixed..									4				2	
Total.....										14	1			2	
1917, August.....	Yellow..								2	4					
1917, September.....	{White..									1					
	{Yellow..								2	8				3	
	{Mixed..									4					
Total.....									2	13				3	
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			7	8	1	1	2	1	4	31	1			5	

## SALINA, KANS.

1917, May.....	{White..		1												
	{Yellow..		3												
	{Mixed..	4	12	7	1										
Total.....		4	16	7	1										
1917, June.....	{White..		1												
	{Yellow..		2												
	{Mixed..		9	2					1						
Total.....			12	2					1						
1917, July.....	Mixed..		9												
1917, August.....	{White..	1													
	{Yellow..		2												
	{Mixed..		4	1											
Total.....		1	6	1											
1917, September.....	Mixed..	1													
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		6	43	10	1				1						

## DAVENPORT, IOWA.

1917, May.....	{White..			1						1					
	{Yellow..			3						5	4				
	{Mixed..		1	4	1					3	9				
Total.....			1	8	1					9	13				
1917, June.....	{Yellow..			1						2	3				
	{Mixed..		1	1			1			3	3				
Total.....			1	2			1	1		5	6				1

## DAVENPORT, IOWA—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
1917, July .....	Yellow		1	1						1					
	Mixed										1				
Total .....			1	1						1	1				
1917, August .....	Yellow									1					
	Mixed			1											
Total .....				1						1					
1917, September .....	Yellow									1					
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			3	12	1		1	1		17	20				1

## NEW ULM, MINN.

1917, May .....	White			1	1										
	Yellow		3	6											
	Mixed			1											
Total .....			3	8	1										
1917, June .....	Yellow		6	2											
	Mixed			1											
Total .....			6	3											
1917, July .....	White		1												
	Yellow		3												
	Mixed		1												
Total .....			5												
1917, August .....	Yellow		6												
1917, September .....	Yellow		3	3											
1917, October .....	Yellow	11	8												
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		11	31	11	1										

## FOSTORIA, OHIO.

1917, May .....	White								1	1					
	Yellow		8	1					11	24					
	Mixed		1							2					
Total .....			9	1					12	27					
1917, June .....	Yellow		1						1						
	Mixed		2												
Total .....			3						1						
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.			12	1					13	27					





## JACKSONVILLE, FLA.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, September.....	White.....										1				
1917, October.....								5							
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			16	12				12			1				

## TACOMA, WASH.

[illegible]

DULUTH, MINN.

1917, May	{Yellow..			2															
	{Mixed..												1	1					
Total				2									1	1					
1917, June	Yellow..	1	3	1															
Total		1	3	1					1										
1917, July	{Yellow..	1	1			1													
	{Mixed..				1		1												
Total		1	1		1	1	1												
1917, August	Yellow..	3	1																
1917, September	{Yellow..	1		1															
	{Mixed..	1	1																
Total		2	1	1															
1917, October	{Yellow..			1															
	{Mixed..	2	1																
Total		2	1	1															
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		9	7	5	1	1	1						1	1					

## PEKIN, ILL.

1917, June.....	{White Yellow Mixed	3	1								
		4	1	1							
		4	6	3							
Total.....		8	10	4	5						
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.		8	10	4	5						

## TROY, OHIO.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, October.....	White...	2	4	3	1	.....	.....	.....	3	1	.....	.....	.....	.....	.....
	Yellow...	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		4	6	4	1	.....	.....	1	3	1	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		4	6	4	1	.....	.....	1	3	1	.....	.....	.....	.....	.....

## WICHITA FALLS, TEX.

1917, October.....	White...	.....	9	.....	.....	.....	1	.....	.....	3	.....	.....	.....	.....	.....
	Mixed...	.....	2	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		.....	11	2	1	.....	1	.....	.....	3	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		.....	11	2	1	.....	1	.....	.....	3	.....	.....	.....	.....	.....

## NEWPORT NEWS, VA.

1917, May.....	Yellow...	.....	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Mixed...	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		.....	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, June.....	Yellow...	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, July.....	do .....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, August.....	do .....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, September.....	do .....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
1917, October.....	Mixed...	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		.....	11	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

## OKLAHOMA CITY, OKLA.

1917, May.....	White...	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Yellow...	.....	1	3	1	.....	.....	.....	.....	1	2	1	.....	.....	.....
	Mixed...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total.....		.....	1	4	1	.....	.....	.....	.....	1	2	2	.....	.....	.....
1917, June.....		.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.		.....	1	4	1	.....	.....	1	.....	1	2	2	.....	.....	.....

## CLAY CENTER, KANS.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, August.....	Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
1917, September.....	{White.....	.....	.....	.....	.....	.....	.....	.....	1	4	.....	.....	.....	.....	.....
	{Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	1	5	1	.....	.....	.....	.....
1917, October.....	{White.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
	{Mixed.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....
Total.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.	.....	.....	.....	.....	.....	.....	.....	.....	1	9	1	.....	.....	.....	.....

LINCOLN, NEBR.

[illegible]

RICHMOND, VA.

[illegible]

PORTLAND, OREG.

[illegible]



SUPERIOR, WIS.

[illegible]

WINFIELD, KANS.

[illegible]

SHERMAN, TEX.

[illegible]

WELLINGTON, KANS.

[illegible]

## WELLINGTON, KANS.—Continued.

Year and month.	Color.	In terms of carloads.													
		Receipts by grade.							Shipments by grade.						
		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sample.
1917, July .....	Mixed		1												
1917, August .....	Mixed			1											
Total cars, each grade, May 1 to Oct. 31, 1917, inclusive.			3	3				1							

## NEW ALBANY, IND.

1917, May .....	White .....	.....	.....	.....	1 .....	.....	1 .....	.....	.....	.....	.....
1917, June .....	White .....	.....	.....	.....	.....	.....	3 .....	.....	.....	.....	.....
Total cars, each grade, May 1 to Oct. 31, 1917, inclu- sive.	White .....	.....	.....	.....	1 .....	.....	4 .....	.....	.....	.....	.....

ST. PAUL, MINN.

[illegible]

ST. CLOUD, MINN.

[illegible]

SPOKANE, WASH.

[illegible]

## PART II.

TABLES SHOWING NUMBER OF CAR RECEIPTS AND SHIPMENTS OF WHEAT INSPECTED AND GRADED BY LICENSED INSPECTORS, TOGETHER WITH THE GRADE ASSIGNED EACH CAR.

[Each table represents a single market, and the markets are arranged according to the number of cars reported as having been inspected therein during the period July 1, 1917, to Oct. 31, 1917, inclusive, for winter wheat, and during the period Aug. 1, 1917, to Oct. 31, 1917, inclusive, for spring wheat.]

## MINNEAPOLIS, MINN.

Subclasses and classes.	In terms of carloads.															
	Receipts by grade.								Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.	No. 1.	No. 2.
Dark Northern Spring.....	3,876	1,579	481	208	40	60	6,244	533	297	66	45	8	13	962		
Northern Spring.....	4,867	3,421	1,569	1,169	553	963	12,542	423	334	149	121	55	227	1,309		
Red Spring.....	487	280	216	171	54	165	1,373	11	30	18	15	3	39	116		
Red Spring Humpback.....	22	40	32	19	3	12	128	1						1		
Hard Red Spring.....	9,252	5,320	2,298	1,567	650	1,200	20,287	967	662	233	181	66	279	2,388		
Amber Durum.....	91	897	287	179	47	82	1,583	25	273	91	52	9	29	479		
Durum.....	48	302	119	99	67	144	779	1	68	34	25	33	45	206		
Red Durum.....	10	30	18	15	8	8	88	5	7	6	4	5	2	29		
Common and Red Durum.....	149	1,229	424	293	122	233	2,450	31	348	131	81	47	76	714		
Dark Hard Winter.....	32	101	30	1	1	2	167	2			1			3		
Hard Winter.....	279	332	98	32	26	26	793	12	59	6	1	3	4	85		
Yellow Hard Winter.....	12	52	38	20	23	20	165	2	1					3		
Hard Red Winter.....	323	485	166	53	50	48	1,125	12	63	7	2	3	4	91		
Red Winter.....	182	224	51	12	6	6	481	2	1	2	1	1		4		
Red Walla.....	11	11	4	2		1	29	1	2	2	1	1		7		
Soft Red.....		1	2				3									
Soft Red Winter.....	193	236	57	14	6	7	513	1	4	3	2	1		11		
Hard White.....	3						3	1	1					2		
Soft White.....	14	9	7	12		6	48	9	14	8	6			37		
Common White.....	17	9	7	12		6	51	10	15	8	6			39		
White club.....	2	1	2				5									
Mixed wheat.....	436	876	427	236	88	197	2,260	64	94	46	40	33	132	409		
Total, all classes.....	10,372	8,156	3,381	2,175	916	1,691	26,691	1,085	1,186	428	312	150	491	3,652		

## DULUTH, MINN

Dark Northern Spring.....	1,489	582	233	112	29	18	2,463	913	347	57	39	46	6	1,408		
Northern Spring.....	1,402	692	324	274	125	148	2,965	836	400	165	196	284	178	2,059		
Red Spring.....	7	1	4	7	2	2	35							1		
Red Spring Humpback.....	3	7	1	4		1	16									
Hard Red Spring.....	2,901	1,282	562	397	156	181	5,479	1,749	747	222	235	330	185	3,468		
Amber Durum.....	20	523	350	325	71	45	1,334	13	224	194	233	61	3	728		
Durum.....	6	111	144	153	47	71	532			10	7	21	2	40		
Red Durum.....	10	32	36	40	6		124	1			1			2		
Common and Red Durum.....	36	666	530	518	124	116	1,990	14	224	204	241	82	5	770		
Dark Hard Winter.....	4	41	19	5			69									
Hard Winter.....	7	39	21	6	1	5	79		25					25		
Yellow Hard Winter.....						2	2									
Hard Red Winter.....	11	80	40	11	1	7	150		25					25		



## DULUTH, MINN.—Continued.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	Total.
Red Winter.....	1	6	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....
Red Walla.....	13	6	.....	.....	2	1	22	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	14	12	.....	.....	2	1	29	.....	.....	.....	.....	.....	.....	.....
Soft White.....	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....
Common White.....	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....
Mixed wheat.....	197	544	640	400	104	76	1,961	.....	.....	1	968	312	88	1,349
Total, all classes.....	3,159	2,585	1,772	1,326	388	381	9,611	1,763	996	427	1,444	724	278	5,632

## NEW YORK, N. Y.

Dark Northern Spring.....	1,780	495	104	48	16	301	2,744	297	.....	.....	.....	.....	.....	297
Northern Spring.....	211	94	109	10	12	124	560	.....	35	.....	.....	2	.....	37
Hard Red Spring.....	1,991	589	213	58	28	425	3,304	297	35	.....	.....	2	.....	334
Amber Durum.....	76	330	681	.....	.....	1	1,088	.....	808	117	.....	.....	.....	925
Red Durum.....	.....	4	100	118	.....	38	260	.....	.....	23	.....	.....	.....	23
Common and Red Durum.....	76	334	781	118	.....	39	1,348	.....	808	140	.....	.....	.....	948
Hard Winter.....	4	175	78	2	1	4	264	.....	7	2	.....	.....	.....	9
Yellow Hard Winter.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	4	175	78	3	1	4	265	.....	7	2	.....	.....	.....	9
Red Winter.....	107	1,749	1,099	147	124	88	3,305	.....	456	215	.....	.....	.....	671
Red Walla.....	8	39	43	5	.....	2	97	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	3	51	46	16	21	27	164	.....	13	1	.....	.....	.....	14
Soft Red Winter.....	118	1,830	1,188	168	145	117	3,566	.....	469	216	.....	.....	.....	685
Hard White.....	34	57	17	1	.....	3	112	.....	.....	.....	.....	.....	.....	.....
Soft White.....	2	24	29	2	3	5	65	.....	.....	.....	.....	.....	.....	.....
Common White.....	36	81	46	3	3	8	177	.....	.....	.....	.....	.....	.....	.....
White Club.....	.....	32	15	2	.....	1	50	.....	.....	.....	.....	.....	.....	.....
Mixed wheat.....	3	6	9	2	2	1	23	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	2,228	3,047	2,330	354	179	595	8,733	297	1,312	363	2	2	.....	1,976

## KANSAS CITY, MO.

Dark Northern Spring.....	1	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	5	3	2	1	.....	1	12	.....	.....	.....	.....	.....	.....	.....
Red Spring.....	3	11	3	.....	.....	.....	17	.....	.....	.....	.....	6	.....	6
Hard Red Spring.....	9	15	5	1	.....	1	31	.....	.....	.....	.....	6	.....	6
Amber Durum.....	4	13	4	.....	.....	.....	21	.....	.....	.....	.....	.....	.....	.....
Durum.....	.....	10	2	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....
Red Durum.....	1	7	4	2	3	1	18	.....	.....	2	1	.....	.....	3
Common and Red Durum.....	5	30	10	2	3	1	51	.....	.....	2	1	.....	.....	3
Dark Hard Winter.....	67	365	275	162	60	59	983	54	530	60	19	5	2	670
Hard Winter.....	267	539	421	138	100	125	1,590	89	351	73	13	8	13	547
Yellow Hard Winter.....	15	59	94	24	34	37	263	4	10	9	1	5	.....	29
Hard Red Winter.....	349	963	790	324	194	221	2,841	147	891	142	33	18	15	1,246



## KANSAS CITY, MO.—Continued.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	
Red Winter.....	421	1,278	793	236	168	104	3,000	135	920	167	49	5	9	1,285	
Red Walla.....		4	3	4			11		1		1			2	
Soft Red.....	9	17	12	5	5	3	51	1	5	1	1			8	
Soft Red Winter.....	430	1,299	808	245	173	107	3,062	136	926	168	51	5	9	1,295	
Hard White.....	2	3			1		6	2	1			1	1	5	
Soft White.....	2	5	16	8	2	1	34			4				4	
Common White.....	4	8	16	8	3	1	40	2	1	4		1	1	9	
White Club.....		3					3		2					2	
Mixed wheat.....	73	166	88	29	20	17	393	28	52	36	2	4	4	126	
Total, all classes.....	870	2,484	1,717	609	393	348	6,421	313	1,872	350	88	29	35	2,687	

## CHICAGO, ILL.

Dark Northern Spring.....	39	28	3	2		2	74	4						4
Northern Spring.....	409	234	80	48	12	84	867	38	43	43	7		2	123
Red Spring.....	29	24	16	10	3	7	89							
Hard Red Spring.....	477	286	99	60	15	93	1,080	42	43	43	7		2	137
Amber Durum.....	7	11	4	1		4	27							
Durum.....		3	1	3	2	8	17							
Common and Red Durum.....	7	14	5	4	2	12	44							
Dark Hard Winter.....	22	43	6	2			73		2	1				3
Hard Winter.....	38	788	562	119	195	149	1,851	1	775	521	4	32		1,333
Yellow Hard Winter.....		19	17		5	1	42							
Hard Red Winter.....	60	850	585	121	200	150	1,966	1	777	522	4	32		1,336
Red Winter.....	37	649	892	339	367	289	2,573	4	509	527	52	167	12	1,271
Red Walla.....		6	11	5	1	3	26							2
Soft Red.....		5	12	4	2	3	26			1				1
Soft Red Winter.....	37	660	915	348	370	295	2,625	6	509	528	52	167	12	1,274
Hard White.....	31	36	2	2			71		9					9
Soft White.....	7	25	10	7		3	52		2	1				3
Common White.....	38	61	12	9		3	123		11	1				12
White Club.....	5	19	5	4		2	35							
Mixed Wheat.....	11	68	78	29	28	25	239	1	26	14	7		1	49
Total, all classes.....	635	1,958	1,699	575	615	580	6,062	50	1,366	1,108	70	199	15	2,808

## KANSAS CITY, KANS.

Dark Northern Spring.....	5	1	2				8							
Northern Spring.....	1			1		1	3							
Red Spring.....			1			3	4						28	28
Hard Red Spring.....	6	1	3	1		4	15						28	28
Amber Durum.....	3	8	1				12							
Durum.....	8	6	3			2	19		3					3
Red Durum.....		3		2			5							
Common and Red Durum.....	11	17	4	2		2	36			3				3

## KANSAS CITY, KANS.—Continued.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.
Dark Hard Winter.....	134	712	351	158	66	39	1,460	30	261	2	4	....	5	302
Hard Winter.....	538	586	163	75	83	104	1,549	18	150	25	6	....	9	208
Yellow Hard Winter.....	38	13	3	3	....	18	75	2	....	....	1	....	2	5
Hard Red Winter.....	710	1,311	517	236	149	161	3,084	50	411	27	11	....	16	515
Red Winter.....	491	1,015	433	146	68	66	2,219	51	365	128	53	4	3	604
Red Walla.....	1	....	....	1	....	....	2	....	4	....	....	....	....	4
Soft red.....	28	36	15	3	3	1	80	....	6	....	1	....	....	7
Soft Red Winter.....	520	1,051	448	150	71	67	2,307	51	375	128	54	4	3	615
Hard White.....	2	....	....	....	....	....	2	....	....	....	....	....	....	....
Soft White.....	13	5	1	....	....	....	19	....	....	....	....	....	....	....
Common White.....	15	5	1	....	....	....	21	....	....	....	....	....	....	....
Mixed Wheat.....	164	353	88	20	8	8	641	6	40	13	....	9	76	144
Total, all classes.....	1,426	2,738	1,061	409	228	242	6,104	107	826	171	65	13	123	1,305

ST. LOUIS, MO.

Dark Northern Spring.....	3	3	4	1	.....	10	.....	.....	.....	.....	.....	.....		
Northern Spring.....	6	12	4	67	2	9	109	.....	.....	.....	.....	.....		
Red Spring.....	6	4	1	1	.....	.....	12	.....	.....	.....	.....	.....		
Red Spring Humpback.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....		
Hard Red Spring.....	15	19	8	69	2	10	123	.....	.....	.....	.....	.....		
Amber Durum.....	1	10	3	.....	.....	.....	14	.....	.....	.....	.....	.....		
Durum.....	3	2	5	4	.....	.....	14	.....	.....	.....	.....	.....		
Red Durum.....	.....	4	2	1	.....	.....	7	.....	.....	.....	.....	.....		
Common and Red Durum.....	4	16	10	5	.....	.....	35	.....	.....	.....	.....	.....		
Dark Hard Winter.....	7	291	85	18	1	15	417	3	.....	.....	.....	3		
Hard Winter.....	10	67	52	9	20	35	193	3	15	8	1	4	31	
Yellow Hard Winter.....	3	7	6	.....	3	.....	19	2	.....	.....	.....	.....	2	
Hard Red Winter.....	20	365	143	27	24	50	629	3	20	8	1	4	36	
Red Winter.....	164	1,086	1,078	314	191	160	2,993	16	525	450	46	22	33	1,122
Red Walla.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	31	562	369	54	56	48	1,120	6	98	104	4	7	5	224
Soft Red Winter.....	195	1,648	1,447	369	247	208	4,114	22	623	584	50	29	38	1,346
Hard White.....	.....	4	.....	1	.....	.....	5	.....	.....	.....	.....	.....	.....	.....
Soft White.....	2	10	3	6	1	.....	22	.....	.....	.....	.....	.....	.....	.....
Common White.....	2	14	3	7	1	.....	27	.....	.....	.....	.....	.....	.....	.....
White Club.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1
Mixed Wheat.....	11	37	10	8	3	4	73	3	5	.....	.....	.....	.....	8
Total, all classes.....	248	2,099	1,621	485	277	272	5,002	29	648	592	51	33	38	1,391

PHILADELPHIA, PA.

[illegible]

## PHILADELPHIA, PA.—Continued.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.
Dark Hard Winter.....		5					5							
Hard Winter.....	4	42	34	1	1	10	92		26					26
Yellow Hard Winter.....		1					1							
Hard Red Winter.....	4	48	34	1	1	10	98		26					26
Red Winter.....	16	183	270	24	159	50	702		153	309		48		510
Soft Red.....		11	599	184	710	560	2,054			401	203	247	123	974
Soft Red Winter.....	16	194	869	208	869	610	2,766		153	710	203	295	123	1,454
Soft White.....			1		1		2							
Common White.....			1		1		2							
Mixed Wheat.....			6	2	3	2	13							
Total, all classes.....	978	360	911	212	874	634	3,969	243	219	710	203	295	139	1,509

## CINCINNATI, OHIO.

Yellow Hard Winter.....		1			1	1	3							
Hard Red Winter.....		1			1	1	3							
Red Winter.....	107	773	1,679	103	762	366	3,790	56	740	793	50	179	77	1,895
Soft Red.....		2	6	1	7	3	19			3				3
Soft Red Winter.....	107	775	1,685	104	769	369	3,809	56	740	796	50	179	77	1,898
Soft White.....		2	1	1			4							
Common White.....		2	1	1			4							
Mixed Wheat.....				1			1							
Total, all classes.....	107	778	1,686	106	770	370	3,817	56	740	796	50	179	77	1,898

## BALTIMORE, MD.

Red Spring.....				1			1							
Red Spring Humpback.....		1					1							
Hard Red Spring.....		1		1			2							
Hard Winter.....		71	15		1		87		77	169	2			248
Hard Red Winter.....		71	15		1		87		77	169	2			248
Red Winter.....	5	250	426	79	98	112	970		261	310	89	15	5	680
Red Walla.....			1				1							
Soft Red.....		18	353	263	551	570	1,799		65	497	189	155	27	933
Soft Red Winter.....	5	268	785	342	679	691	2,770		326	807	278	170	32	1,613
Soft White.....			2		4	3	9		1					1
Common White.....			2		4	3	9		1					1
Mixed Wheat.....			2	1	1		4		1	2				3
Total, all classes.....	5	340	804	344	685	694	2,872		405	978	280	170	32	1,865



## EAST ST. LOUIS, ILL.

Subclasses and classes.	In terms of earloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Dark Northern Spring.....	9	5	1				9	24							
Northern Spring.....	3						4	7							
Red Spring.....		3	1	1			8	12	1					1	
Hard Red Spring.....	12	8	1	1			21	43	1					1	
Amber Durum.....		2					4	6							
Durum.....		2	1				6	9							
Common and Red Du- rum.....		4	1				10	15							
Dark Hard Winter.....	3	28	19					50		1				1	
Hard Winter.....	52	245	136	21	44	25	523		2	1	1	5	2	11	
Yellow Hard Winter.....	20	35	17	7	8	7	94			2	3			5	
Hard Red Winter.....	75	308	172	28	52	32	667		2	4	4	5	2	17	
Red Winter.....	90	787	833	194	178	145	2,227	5	211	220	13	13	10	472	
Soft Red.....	15	156	167	26	32	35	431	12	97	79	9	3		200	
Soft Red Winter.....	105	943	1,000	220	210	180	2,658	17	308	299	22	16	10	672	
Soft White.....		5	3				8								
Common White.....		5	3				8								
White Club.....						1	1								
Mixed Wheat.....	10	27	16	3	2	7	65		1	1		1	1	4	
Total, all classes.....	202	1,295	1,193	252	264	251	3,457	18	311	304	26	22	13	694	

## OMAHA, NEBR.

Dark Northern Spring.....	20	21	6	1	1	2	51	4	13	1	.....	.....	.....	18
Northern Spring.....	38	213	68	13	2	12	346	7	94	40	3	1	2	147
Red Spring.....	1	83	61	32	5	18	200	1	22	27	4	1	3	58
Red Spring Humpback.....	.....	.....	2	.....	1	2	5	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	59	317	137	46	9	34	602	12	129	68	7	2	5	223
Amber Durum.....	23	117	22	5	.....	.....	167	20	83	1	.....	.....	.....	104
Durum.....	7	45	15	5	.....	.....	72	2	73	4	.....	.....	.....	79
Red Durum.....	16	105	42	7	4	3	177	14	55	16	3	1	.....	89
Common and Red Durum.....	46	267	79	17	4	3	416	36	211	21	3	1	.....	272
Dark Hard Winter.....	28	39	98	51	5	5	226	8	11	35	24	.....	1	79
Hard Winter.....	129	311	263	108	48	111	970	44	180	133	47	8	37	449
Yellow Hard Winter.....	7	31	60	34	30	59	221	1	6	21	9	6	23	66
Hard Red Winter.....	164	381	421	193	83	175	1,417	53	197	189	80	14	61	594
Red Winter.....	.....	1	2	.....	.....	.....	3	.....	1	.....	.....	.....	.....	1
Red Walls.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Soft Red Winter.....	.....	2	2	.....	.....	.....	4	.....	2	.....	.....	.....	.....	2
Soft White.....	3	7	3	1	1	1	16	1	1	.....	.....	.....	.....	2
Common White.....	3	7	3	1	1	1	16	1	1	.....	.....	.....	.....	2
White Club.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Mixed Wheat.....	24	120	109	38	20	24	335	13	32	33	7	4	10	99
Total, all classes.....	296	1,094	751	295	117	237	2,790	115	572	312	97	21	76	1,193



## WICHITA, KANS.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Amber Durum.....	2	1	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	
Durum.....	.....	1	.....	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	
Common and Red Durum.....	2	2	.....	.....	1	.....	5	.....	.....	.....	.....	.....	.....	.....	
Dark Hard Winter.....	159	485	229	63	18	18	972	6	17	3	1	.....	1	28	
Hard Winter.....	552	834	254	101	39	47	1,827	6	48	13	2	.....	1	70	
Yellow Hard Winter.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Hard Red Winter....	712	1,319	483	164	57	65	2,800	12	65	16	3	.....	2	98	
Red Winter.....	36	69	13	6	.....	1	125	1	.....	.....	.....	.....	.....	1	
Soft Red Winter.....	36	69	13	6	.....	1	125	1	.....	.....	.....	.....	.....	1	
Mixed Wheat.....	64	147	34	15	1	3	264	1	3	.....	.....	.....	.....	4	
Total, all classes.....	814	1,537	530	185	59	69	3,194	14	68	16	3	.....	2	103	

## PORTLAND, OREG.

Dark Northern Spring.....	19	12	17	18	1	1	68							
Northern Spring.....	53	3	4	1	1	1	63							
Red Spring.....	5	4	1				10							
Hard Red Spring.....	77	19	22	19	2	2	141							
Dark Hard Winter.....	13	27	53	20	2	1	116							
Hard Winter.....	14	2	9	6	3	1	35							
Yellow Hard Winter.....	2						2							
Hard Red Winter.....	29	29	62	26	5	2	153							
Red Winter.....	2	1					3							
Red Walla.....	28	39	86	17	3	3	176							
Soft Red.....	1		1	1			3							
Soft Red Winter.....	31	40	87	18	3	3	182							
Hard White.....	34	121	278	366	109	82	990	1						1
Soft White.....	28	98	98	60	11	8	303							
Common White.....	62	219	376	426	120	90	1,293	1						1
White Club.....	78	229	190	81	26	14	618							
Mixed Wheat.....	43	99	82	27	15	1	267							
Total, all classes.....	320	635	819	597	171	112	2,654	1						1

## DENVER, COLO.

Dark Northern Spring.....	15	1					16							
Northern Spring.....	349	26	13	18	11	4	421							
Red Spring.....	24	11	1	4	1	1	42							
Hard Red Spring.....	388	38	14	22	12	5	479							
Durum.....	6	5	5		2		18							
Common and Red Durum.....	6	5	5		2		18							
Dark Hard Winter.....	6	19	29	8	2		64			8			1	9
Hard Winter.....	395	265	136	42	35	30	903	12	10	8				30
Yellow Hard Winter.....	47	77	37	17	11	3	192	1						1
Hard Red Winter.....	448	361	202	67	48	33	1,159	13	10	16			1	40

## DENVER, COLO.—Continued.

Subclasses and classes.	In terms of carloads.															
	Receipts by grade.								Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.		No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	
Red Walla.....		1	1	1			3									
Soft Red Winter.....		1	1	1			3									
Hard White.....	1						1									
Soft White.....	194	267	52	26	5	6	550	2								2
Common White.....	195	267	52	26	5	6	551	2								2
White Club.....	33	7	1	2			43									
Mixed Wheat.....	80	56	12	3	2	16	169									
Total, all classes.....	1,150	735	287	121	69	60	2,422	15	10	16				1	42	

## TOLEDO, OHIO.

Dark Northern Spring.....	26						26									
Northern Spring.....	130	3					133									
Hard Red Spring.....	156	3					159									
Dark Hard Winter.....		1					1									
Hard Winter.....	2	2					4									
Yellow Hard Winter.....						1	1									
Hard Red Winter.....	2	3				1	6									
Red Winter.....	225	669	551	94	117	97	1,753									
Soft Red.....		14	2	2		1	19									
Soft Red Winter.....	225	683	553	96	117	98	1,772									
Hard White.....	2	10	3	1			16									
Soft White.....		18	9		1	3	31									
Common White.....	2	28	12	1	1	3	47									
Mixed Wheat.....	23	153	76	5	12	19	288									
Total, all classes.....	408	870	641	102	130	121	2,272									

## NASHVILLE, TENN.

Northern Spring.....						2	2									
Hard Red Spring.....						2	2									
Hard Winter.....	6	3			1		10									
Hard Red Winter.....	6	3			1		10									
Red Winter.....	57	439	580	97	167	171	1,511	2	87	73	4	10	9	185		
Red Walla.....		2					2		16	7	1			24		
Soft Red.....	9	98	146	30	46	58	387		31	19	8	7	1	66		
Soft Red Winter.....	66	539	726	127	213	229	1,900	2	134	99	13	17	10	275		
Hard White.....	6	1					7									
Soft White.....	8	35	3	3		1	50									
Common White.....	14	36	3	3		1	57									
White Club.....	1	1	1				3									
Mixed Wheat.....	1	3	1			2	7									
Total, all classes.....	88	582	731	130	214	234	1,979	2	134	99	13	17	10	275		

## INDIANAPOLIS, IND.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.
Northern Spring.....	2	1	.....	.....	1	1	5	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	2	1	.....	.....	1	1	5	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	4	23	24	4	13	13	81	.....	.....	.....	.....	.....	2	2
Yellow Hard Winter.....	1	2	.....	.....	.....	2	5	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	5	25	24	4	13	15	86	.....	.....	.....	.....	.....	2	2
Red Winter.....	26	235	524	65	259	146	1,255	1	163	118	23	19	6	330
Soft Red.....	2	10	29	5	16	3	65	.....	12	18	.....	1	2	33
Soft Red Winter.....	28	245	553	70	275	149	1,320	1	175	136	23	20	8	363
Mixed Wheat.....	1	39	40	4	17	2	103	.....	2	.....	.....	.....	.....	2
Total, all classes.....	36	310	617	78	303	167	1,514	1	175	138	23	20	10	367

## LOUISVILLE, KY.

Hard Winter.....	3	32	13	2	1	3	54	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	3	32	13	2	1	3	54	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	116	678	539	108	104	60	1,605	.....	46	11	.....	.....	.....	57
Soft Red.....	9	52	46	8	11	10	136	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	125	730	585	116	115	70	1,741	.....	46	11	.....	.....	.....	57
Soft White.....	.....	4	2	.....	1	.....	7	.....	.....	.....	.....	.....	.....	.....
Common White.....	.....	4	2	.....	1	.....	7	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	128	766	601	118	117	73	1,803	.....	46	11	.....	.....	.....	57

## NEW ORLEANS, LA.

Northern Spring.....	.....	.....	.....	1	.....	3	4	.....	.....	.....	.....	.....	1	1
Hard Red Spring.....	.....	.....	.....	1	.....	3	4	.....	.....	.....	.....	.....	1	1
Red Durum.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Common and Red Durum.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	1	5	11	1	.....	.....	18	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	13	66	12	5	8	14	118	.....	183	.....	.....	.....	.....	183
Yellow Hard Winter.....	8	5	5	.....	3	5	26	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	22	76	28	6	11	19	162	.....	183	.....	.....	.....	.....	183
Red Winter.....	36	337	161	37	25	41	637	.....	710	.....	.....	.....	.....	710
Red Walla.....	.....	1	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	7	30	14	3	2	5	61	.....	13	.....	.....	.....	.....	13
Soft Red Winter.....	43	368	175	41	27	46	700	.....	723	.....	.....	.....	.....	723
Soft White.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1
Common White.....	.....	.....	1	.....	.....	.....	1	.....	1	.....	.....	.....	.....	1
Mixed Wheat.....	2	4	12	3	2	14	37	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	67	448	218	51	40	82	906	.....	906	1	.....	.....	1	908



## BUFFALO, N. Y.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.
Dark Northern Spring.....								49	6				5	60
Northern Spring.....	5	1	2			3	11	125	34	22			1	350
Hard Red Spring.....	5	1	2			3	11	174	40	22			1	355
Amber Durum.....									1					2
Durum.....						6	6	8	3					11
Common and Red Durum.....						6	6	8	4			1		13
Dark Hard Winter.....		2					2							
Hard Winter.....	20	27	4		2		53	4				1		5
Yellow Hard Winter.....	3	10	7	2			22							
Hard Red Winter.....	23	39	11	2	2		77	4				1		5
Red Winter.....	17	193	156	47	40	53	506		19	29	3	8	100	159
Soft Red.....		1	1				2							
Soft Red Winter.....	17	194	157	47	40	53	508		19	29	3	8	100	159
Hard White.....	1					1	2							
Soft White.....	3	25	101	9	24	8	170		1	2	1		1	5
Common White.....	4	25	101	9	24	9	172		1	2	1		1	5
White Club.....														1
Mixed Wheat.....		6	39	6	9	9	69		4				4	8
Total, all classes.....	49	265	310	64	75	80	843	186	68	53	4	11	461	783

## HUTCHINSON, KANS.

Amber Durum.....		1					1							
Common and Red Durum.....		1					1							
Dark Hard Winter.....	41	454	253	99	66	10	923	1	14	57	9	1	1	83
Hard Winter.....	74	178	77	40	48	20	437	1	2	1		2		6
Yellow Hard Winter.....		2					2							
Hard Red Winter.....	115	634	330	139	114	30	1,362	2	16	58	9	3	1	89
Red Winter.....	15	24	1		1		41							
Soft Red Winter.....	15	24	1		1		41							
Mixed Wheat.....		5	2				7		1					1
Total, all classes.....	130	664	333	139	115	30	1,411	2	17	58	9	3	1	90

## TOPEKA, KANS.

Northern Spring.....	1	3	1				5							
Hard Red Spring.....	1	3	1				5							
Dark Hard Winter.....	15	155	67	7	2	1	247							
Hard Winter.....	233	237	116	14	16	8	624							
Yellow Hard Winter.....		1	4	1	5		11							
Hard Red Winter.....	248	393	187	22	23	9	882							
Red Winter.....	101	192	53	4	4		354							
Soft Red.....		8			1		9							
Soft Red Winter.....	101	200	53	4	5		363							
Mixed wheat.....	22	73	11	2	1	1	110							
Total, all classes.....	372	669	252	28	29	10	1,360							



## GALVESTON, TEX.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Dark Northern Spring.....						1	1								
Hard Red Spring.....						1	1								
Durum.....			1				1								
Common and Red Durum.....			1				1								
Dark Hard Winter.....		86	152	29	6	4	277		7					7	
Hard Winter.....		42	51	16	15	13	137								
Hard Red Winter.....		128	203	45	21	17	414		7					7	
Red Winter.....	19	319	50	6		3	397		146					146	
Soft Red.....		7	5				12								
Soft Red Winter.....	19	326	55	6		3	409		146					146	
Mixed wheat.....	3	154	55	9	5	8	234		139					139	
Total, all classes.....	22	608	314	60	26	29	1,059		292					292	

## SEATTLE, WASH.

Dark Northern Spring.....	49	31	15	5	2	6	108							
Northern Spring.....	68	2	5	2			77							
Red Spring.....	6	3	2				12							
Hard Red Spring.....	123	36	22	7	2	7	197							
Amber Durum.....		2					2							
Common and Red Durum.....		2					2							
Dark Hard Winter.....	6	9	1	3			19							
Hard Winter.....	42	17	10	1		1	71							
Yellow Hard Winter.....	1	3					4							
Hard Red Winter.....	49	29	11	4		1	94							
Red Winter.....	1	1	2				4							
Red Walla.....	4	32	19	1		3	59							
Soft Red Winter.....	5	33	21	1		3	63							
Hard White.....	88	106	137	46	84	26	487							
Soft White.....	7	57	61	11			136							
Common White.....	95	163	198	57	84	26	623							
White Club.....	117	118	48	24	7	1	315							
Mixed Wheat.....	17	18	8	1		1	45							
Total, all classes.....	406	399	308	94	93	39	1,339							

## TACOMA, WASH.

Dark Northern Spring.....	19	6	2	2			29							
Northern Spring.....	51	1		1			53							
Red Spring.....	1						1							
Hard Red Spring.....	71	7	2	3			83							
Dark Hard Winter.....	6		3				9							
Hard Winter.....	29						29							
Hard Red Winter.....	35		3				38							

## TACOMA, WASH.—Continued.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Red Winter.....	6	4	8				18								
Red Walla.....	5	79	13	10	1		108								
Soft Red.....	2	1	2				5								
Soft Red Winter.....	13	84	23	10	1		131								
Hard White.....	104	81	91	35	38	4	403								
Soft White.....	51	61	19	8	1		140								
Common White.....	155	192	110	43	39	4	543								
White Club.....	200	165	49	15	4		433								
Mixed Wheat.....	33	28	2				63								
Total, all classes.....	507	476	189	71	44	4	1,291								

## MILWAUKEE, WIS.

Dark Northern Spring.....	3	1	3	1		1	9							
Northern Spring.....	297	163	24	11	5	8	508	42	24	3	3	1		73
Red Spring.....	133	141	18	6	10	37	345	35	29	3	3	5	6	81
Hard Red Spring.....	433	305	45	18	15	46	862	77	53	6	6	6	6	154
Durum.....		4	3		1	9	17		2					2
Red Durum.....				1			1							
Common and Red Durum.....		4	3	1	1	9	18		2					2
Dark Hard Winter.....		1					1		1	1				2
Hard Winter.....	4	9	5	1	1		20		1	1	1			3
Yellow Hard Winter.....			6		1		7							
Hard Red Winter.....	4	10	11	1	2		28		2	2	1			5
Red Winter.....			6	1			7							
Soft Red Winter.....			6	1			7							
Hard White.....	1						1							
Common White.....	1						1							
White Club.....		1					1							
Mixed Wheat.....	4	15	14	7	17	19	76	1	9	9	3	6		28
Total, all classes.....	442	335	79	28	35	74	993	78	66	17	10	12	6	189

## ST. JOSEPH, MO.

Dark Hard Winter.....	25	22	16	2	3	5	73	3						3
Hard Winter.....	100	82	47	8	7	22	266	20	21	15		2	3	61
Yellow Hard Winter.....	12	8	21	6	10	5	62					2		2
Hard Red Winter.....	137	112	84	16	20	32	401	23	21	15		4	3	66
Red Winter.....	62	172	161	41	33	14	483	12	100	23		2	2	139
Soft Red Winter.....	62	172	161	41	33	14	483	12	100	23		2	2	139
Mixed Wheat.....	11	41	8	4	1	1	66	4	7	1				12
Total, all classes.....	210	325	253	61	54	47	950	39	128	39		6	5	217

## ST. PAUL, MINN.

Subclasses and classes.	In terms of carloads.															
	Receipts by grade.								Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.		
Dark Northern Spring.....	154	126	70	24	2	11	387	23	18	8	7	1	.....	57		
Northern Spring.....	82	119	68	40	7	15	331	7	28	17	8	1	.....	65		
Red Spring.....	2	1	4	3	.....	.....	10	.....	.....	1	.....	.....	.....	1		
Hard Red Spring.....	238	246	142	67	9	26	728	30	46	26	15	2	4	123		
Amber Durum.....	.....	14	2	18	5	2	41	.....	1	11	7	5	2	26		
Durum.....	.....	1	1	2	1	.....	5	.....	.....	.....	.....	.....	1	1		
Red Durum.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....		
Common and Red Durum.....	.....	15	4	20	6	2	47	.....	1	11	7	5	3	27		
Dark Hard Winter.....	.....	.....	2	1	.....	.....	3	.....	1	.....	1	.....	.....	2		
Hard Winter.....	.....	1	3	1	.....	2	7	.....	.....	.....	.....	.....	.....	.....		
Hard Red Winter.....	.....	1	5	2	.....	2	10	.....	1	.....	1	.....	.....	2		
Hard White.....	.....	5	1	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....		
Common White.....	.....	5	1	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....		
Mixed Wheat.....	6	13	21	10	2	4	56	.....	4	4	7	1	4	20		
Total, all classes.....	244	280	173	99	17	34	847	30	52	41	30	8	11	172		

## COFFEYVILLE, KANS.

Dark Hard Winter.....	18	32	11	5	.....	.....	66	.....	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	12	21	9	.....	4	.....	46	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	30	53	20	5	4	.....	112	.....	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	195	373	152	2	10	9	741	22	11	3	.....	1	.....	37	
Soft Red Winter.....	195	373	152	2	10	9	741	22	11	3	.....	1	.....	37	
Mixed Wheat.....	2	3	2	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	
Total, all classes.....	227	429	174	7	14	9	860	22	11	3	.....	1	.....	37	

## DETROIT, MICH.

Dark Northern Spring.....	3	2	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	31	11	1	.....	.....	2	45	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	34	13	1	.....	.....	2	50	.....	.....	.....	.....	.....	.....	.....	.....
Amber Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Durum.....	.....	2	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
Common and Red Durum.....	.....	3	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	9	12	2	.....	.....	1	24	.....	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	8	27	17	2	6	4	64	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	17	39	19	2	6	5	88	.....	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	60	190	152	22	28	23	475	.....	3	.....	1	1	.....	5	
Soft Red Winter.....	60	190	152	22	28	23	475	.....	3	.....	1	1	.....	5	
Hard White.....	9	3	.....	1	.....	.....	13	.....	.....	.....	.....	.....	.....	.....	.....
Soft White.....	2	17	74	3	1	3	100	.....	.....	.....	.....	.....	.....	.....	.....
Common White.....	11	20	74	4	1	3	113	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	8	37	59	9	8	7	128	.....	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	130	302	305	37	43	40	857	.....	3	.....	1	1	.....	5	



## NEW ULM, MINN.

Subclasses and classes.	In terms of carloads.															
	Receipts by grade.								Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.
Dark Northern Spring.....	6	2	.....	.....	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	261	263	48	60	36	39	707	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Spring.....	7	29	1	13	18	7	75	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	274	294	49	73	51	46	790	.....	.....	.....	.....	.....	.....	.....	.....	.....
Durum.....	2	2	2	1	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Common and Red Durum.....	2	3	2	1	.....	.....	8	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	276	297	52	74	54	46	799	.....	.....	.....	.....	.....	.....	.....	.....	.....

## SALINA, KANS.

Northern Spring.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	1	44	38	12	7	1	103	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	66	287	141	32	8	18	552	1	4	.....	.....	.....	.....	.....	.....	5
Yellow Hard Winter.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	68	331	179	44	15	19	656	1	4	.....	.....	.....	.....	.....	.....	5
Red Winter.....	.....	3	3	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	.....	4	3	.....	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed wheat.....	1	20	16	7	.....	.....	44	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	70	355	198	51	15	19	708	1	4	.....	.....	.....	.....	.....	.....	5

## ABILENE, KANS.

Dark Hard Winter.....	19	83	60	7	14	8	191	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	57	185	68	9	7	20	346	.....	.....	.....	.....	.....	.....	.....	.....	.....
Yellow Hard Winter.....	3	.....	.....	1	.....	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	79	268	128	17	21	28	541	.....	.....	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	1	9	4	.....	1	.....	15	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	6	9	4	1	.....	1	21	.....	.....	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	7	18	8	1	1	1	36	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	13	49	9	2	1	2	76	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	99	335	145	20	23	31	653	.....	.....	.....	.....	.....	.....	.....	.....	.....

## PEORIA, ILL.

Northern Spring.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	3	.....
Hard Red Spring.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2	3	.....
Hard Winter.....	8	34	24	1	7	5	79	.....	22	15	.....	3	.....	.....	40	.....
Yellow Hard Winter.....	2	43	36	24	26	12	143	.....	28	34	2	4	2	.....	70	.....
Hard Red Winter.....	10	77	60	25	33	17	222	.....	50	49	2	7	2	.....	110	.....



## PEORIA, ILL.—Continued.

Subclasses and classes.	In terms of carloads.															
	Receipts by grade.								Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.
Red Winter.....		2	27	37	20	14	100		1	8	9	7	2	27		
Soft Red.....			2				1			10		7	3	20		
Soft Red Winter.....		2	29	37	20	15	103		1	18	9	14	5	47		
Mixed Wheat.....	1	13	52	18	10	17	111		9	30	3	8	3	53		
Total, all classes.....	11	92	141	80	63	49	436		60	98	14	29	12	213		

## WINFIELD, KANS.

Dark Hard Winter.....	42	149	41	9	6	2	249									
Hard Winter.....	33	131	29	5	4	2	204									
Yellow Hard Winter.....	2	2				1	5									
Hard Red Winter.....	77	282	70	14	11	4	458									
Red Winter.....	28	105	11	1	1		146	5	13	1				19		
Soft Red Winter.....	28	105	11	1	1		146	5	13	1				19		
Mixed wheat.....		5	2		1		8									
Total, all classes.....	105	392	83	15	13	4	612	5	13	1				19		

## ENID, OKLA.

Dark Hard Winter.....	2	28	4	4	1		39	5	29						34	
Hard Winter.....	32	188	54	16	3	2	295	36	103	28	1	1		169		
Hard Red Winter.....	34	216	58	20	4	2	334	41	132	28	1	1		203		
Red Winter.....		10	1				11		3					3		
Soft Red Winter.....		10	1				11		3					3		
Mixed wheat.....		32	8	1	1		42		11	3				14		
Total, all classes.....	34	258	67	21	5	2	387	41	146	31	1	1		220		

## LEAVENWORTH, KANS.

Dark Hard Winter.....	1	15	3				19									
Hard Winter.....	22	13	4			1	40									
Yellow Hard Winter.....			2				2									
Hard Red Winter.....	23	28	9			1	61									
Red Winter.....	100	189	74	12	14	6	395	10						10		
Soft Red Winter.....	100	189	74	12	14	6	395	10						10		
Mixed wheat.....	3	4	2			1	10									
Total, all classes.....	126	221	85	12	14	8	466	10						10		

## COLUMBUS, OHIO.

Red Winter.....	10	53	56	36	59	8	222	3	38	113	3	50	20	227		
Soft Red Winter.....	10	53	56	36	59	8	222	3	38	113	3	50	20	227		
Total, all classes.....	10	53	56	36	59	8	222	3	38	113	3	50	20	227		

## SIOUX CITY, IOWA.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sample.	Total.
Dark Northern Spring.....	42	1	.....	.....	.....	.....	43	2	2	.....	.....	.....	.....	4
Northern Spring.....	204	89	7	4	2	3	309	1	3	.....	1	.....	.....	5
Red Spring.....	9	12	2	1	1	1	26	.....	.....	.....	.....	1	.....	1
Red Spring Humpback.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	255	102	9	6	3	4	379	3	5	.....	1	1	.....	10
Dark Hard Winter.....	.....	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	3	5	10	.....	3	.....	21	.....	.....	.....	.....	1	.....	1
Yellow Hard Winter.....	.....	2	2	.....	2	.....	6	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	3	8	13	.....	5	.....	29	.....	.....	.....	.....	1	.....	1
Mixed Wheat.....	7	5	6	1	.....	.....	19	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	265	115	28	7	8	4	427	3	5	.....	1	2	.....	11

## WELLINGTON, KANS.

Dark Hard Winter.....	1	25	17	3	.....	.....	46	.....	3	.....	.....	.....	.....	3
Hard Winter.....	30	145	41	10	4	3	233	1	1	.....	.....	.....	.....	2
Hard Red Winter.....	31	170	58	13	4	3	279	1	4	.....	.....	.....	.....	5
Red Winter.....	4	11	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	4	11	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	9	74	7	.....	.....	.....	90	5	13	1	.....	.....	.....	19
Total, all classes.....	44	255	65	13	4	3	384	6	17	1	.....	.....	.....	24

## SPOKANE, WASH.

Dark Northern Spring.....	18	17	4	2	.....	.....	41	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	11	8	3	4	.....	1	27	.....	.....	.....	.....	.....	.....	.....
Red Spring.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	30	25	7	6	.....	1	69	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	2	7	9	4	.....	.....	22	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	5	2	1	1	.....	.....	9	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	7	9	10	5	.....	.....	31	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	.....	2	12	2	.....	1	17	.....	.....	.....	.....	.....	.....	.....
Red Walla.....	.....	1	11	.....	.....	.....	12	.....	2	1	.....	.....	.....	3
Soft Red Winter.....	.....	3	23	2	.....	1	29	.....	2	1	.....	.....	.....	3
Hard White.....	7	18	24	29	5	3	86	10	2	.....	1	.....	.....	13
Soft White.....	4	21	34	21	.....	.....	80	1	3	16	3	.....	.....	23
Common White.....	11	39	58	50	5	3	166	11	5	16	4	.....	.....	36
White Club.....	3	11	2	.....	.....	.....	16	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	5	17	11	.....	.....	.....	33	2	3	11	.....	.....	.....	16
Total, all classes.....	56	104	111	63	5	5	344	13	8	29	5	.....	.....	55

## FORT WORTH, TEX.

Subclasses and classes.	In terms of earloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.
Dark Hard Winter.....		9	36	17	3		65		38	30	11			79
Hard Winter.....	3	12	8	5		6	34			1				1
Yellow Hard Winter.....								2	6					8
Hard Red Winter.....	3	21	44	22	3	6	99	2	44	31	11			88
Red Winter.....	7	78	28	13	2	1	129		1	1	1			3
Soft Red.....		4	1				5							
Soft Red Winter.....	7	82	29	13	2	1	134		1	1	1			3
Mixed Wheat.....	5	41	8	4		1	59		7	1		1		9
Total, all classes.....	15	144	81	39	5	8	292	2	52	33	12	1		100

## TERRE HAUTE, IND.

Hard Winter.....	2	14	5		2		23							
Hard Red Winter.....	2	14	5		2		23							
Red Winter.....		66	103	23	6	7	205		22		1			23
Soft Red.....		8	27	4	3	3	45							
Soft Red Winter.....		74	130	27	9	10	250		22		1			23
Hard White.....	1	2					3							
Common White.....	1	2					3							
Mixed Wheat.....		5	9	1			15							
Total, all classes.....	3	95	144	28	11	10	291		22		1			23

## BOSTON, MASS.

Hard Winter.....		14	3				17							
Hard Red Winter.....		14	3				17							
Red Winter.....		204	72	1	6	3	286							
Red Walla.....					1		1							
Soft Red.....					2		2							
Soft Red Winter.....		204	72	1	7	5	289							
Soft White.....		1					1							
Common White.....		1					1							
Total, all classes.....		219	75	1	7	5	307							

## LA CROSSE, WIS.

Dark Northern Spring.....	2						2							
Northern Spring.....	208	28	8	5		2	251							
Red Spring.....	9	3	2		1	1	16							
Hard Red Spring.....	219	31	10	5	1	3	269							
Hard Winter.....	1	6	1				8							
Yellow Hard Winter.....		3	1				4							
Hard Red Winter.....	1	9	2				12							
Mixed Wheat.....		4	3				7							
Total, all classes.....	220	44	15	5	1	3	288							



## SUPERIOR, WIS.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Dark Northern Spring.....	17	8	9	4	1	.....	39	.....	.....	.....	.....	.....	.....	.....	
Northern Spring.....	10	10	5	5	1	1	32	.....	.....	.....	.....	.....	.....	.....	
Red Spring.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Red Spring Humpback.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Hard Red Spring.....	28	19	14	9	2	1	73	.....	.....	.....	.....	.....	.....	.....	
Amber Durum.....	5	34	35	20	1	.....	95	.....	.....	.....	.....	.....	.....	.....	
Durum.....	.....	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	
Red Durum.....	.....	.....	4	1	.....	.....	5	.....	.....	.....	.....	.....	.....	.....	
Common and Red Durum.....	5	35	40	21	1	.....	102	.....	.....	.....	.....	.....	.....	.....	
Soft White.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Common White.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Mixed Wheat.....	6	33	31	34	5	3	111	.....	.....	.....	.....	.....	.....	.....	
Total, all classes.....	40	87	85	64	8	4	288	.....	.....	.....	.....	.....	.....	.....	

## ATCHISON, KANS.

Red Spring.....	.....	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	.....	2	1	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Amber Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Common and Red Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	18	19	4	.....	.....	.....	41	.....	.....	.....	.....	.....	.....	.....
Yellow Hard Winter.....	.....	3	6	1	.....	.....	10	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	19	22	10	1	.....	.....	52	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	17	102	63	7	6	.....	195	.....	.....	.....	.....	.....	.....	.....
Soft Red.....	5	24	3	.....	.....	.....	32	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	22	126	66	7	6	.....	227	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	.....	1	2	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	41	152	79	8	6	.....	286	.....	.....	.....	.....	.....	.....	.....

## CLEVELAND, OHIO.

Dark Hard Winter.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	.....	1	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	8	112	65	3	10	17	215	.....	37	3	.....	.....	1	41
Soft Red.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	9	112	65	3	10	17	216	.....	37	3	.....	.....	1	41
Mixed Wheat.....	2	4	7	1	1	.....	15	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	11	117	72	5	11	17	233	.....	37	3	.....	.....	1	41



## EVANSVILLE, IND.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.
Red Winter.....	11	52	38	8	4	10	123	.....	28	.....	.....	.....	.....	28
Soft Red.....	1	37	36	9	3	33	119	.....	.....	.....	.....	.....	.....	.....
Soft Red Winter.....	12	89	74	17	7	43	242	.....	28	.....	.....	.....	.....	28
Total, all classes.....	12	89	74	17	7	43	242	.....	28	.....	.....	.....	.....	28

## WINONA, MINN.

Dark Northern Spring.....	17	9	2	.....	.....	.....	28	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	82	110	27	.....	.....	1	220	.....	.....	.....	.....	.....	.....	.....
Red Spring.....	1	2	8	5	1	1	18	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	100	121	37	5	1	2	266	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	100	121	37	5	1	2	266	.....	.....	.....	.....	.....	.....	.....

## CAIRO, ILL.

Hard Winter.....	.....	5	9	.....	.....	.....	14	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	.....	5	9	.....	.....	.....	14	.....	.....	.....	.....	.....	.....	.....
Red Winter.....	.....	1	28	4	37	17	87	.....	.....	20	3	17	.....	40
Soft Red.....	.....	3	18	9	33	12	75	.....	.....	19	2	15	.....	36
Soft Red Winter.....	.....	4	46	13	70	29	162	.....	.....	39	5	32	.....	76
Mixed wheat.....	.....	.....	5	.....	1	.....	6	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	.....	9	60	13	71	29	182	.....	.....	39	5	32	.....	76

## SALT LAKE CITY, UTAH.

Dark Northern Spring.....	1	1	1	.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....
Northern Spring.....	1	6	5	12	.....	2	26	.....	.....	.....	.....	.....	.....	.....
Red Spring.....	.....	.....	1	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	2	7	7	13	.....	3	32	.....	.....	.....	.....	.....	.....	.....
Red Durum.....	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
Common and Red Durum.....	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....
Dark Hard Winter.....	1	16	11	5	1	.....	34	1	.....	.....	.....	.....	.....	1
Hard Winter.....	3	11	11	8	6	.....	39	1	.....	.....	.....	.....	.....	1
Yellow Hard Winter.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	4	27	22	13	7	1	74	1	1	.....	.....	.....	.....	2
Hard White.....	1	2	1	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....
Soft White.....	5	18	9	2	1	.....	35	.....	.....	.....	.....	.....	.....	.....
Common White.....	6	20	10	2	1	.....	39	.....	.....	.....	.....	.....	.....	.....
White Club.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Mixed wheat.....	14	26	22	9	8	4	83	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	27	81	61	37	16	9	231	1	1	.....	.....	.....	.....	2

## MEMPHIS, TENN.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.
Durum.....							1	1						
Common and Red Durum.....							1	1						
Red Winter.....		31	71	18	13	21	154		1	23	5	3	2	34
Soft Red.....			2	2	3	5	12							
Soft Red Winter.....		31	73	20	16	26	166		1	23	5	3	2	34
Mixed wheat.....	1						1							
Total, all classes.....	1	31	73	20	16	27	168		1	23	5	3	2	34

## MANKATO, MINN.

Dark Northern Spring.....	22	59	10				91							
Northern Spring.....	46	32	9	1			88							
Red Spring.....	8	2	1	1	1		13							
Hard Red Spring.....	76	93	20	2	1		192							
Amber Durum.....		2					2							
Common and Red Durum.....		2					2							
Yellow Hard Winter.....	1	3					4							
Hard Red Winter.....	1	3					4							
Mixed wheat.....	1						1							
Total, all classes.....	78	98	20	2	1		199							

## LAWRENCE, KANS.

Dark Hard Winter.....	4	16	1				21							
Hard Winter.....	18	27	11		2		58							
Yellow Hard Winter.....					1		1							
Hard Red Winter.....	22	43	12		3		80							
Red Winter.....	40	33	14				87							
Soft Red.....			1				1							
Soft Red Winter.....	40	33	15				88							
Mixed wheat.....	2	1	2	1			6							
Total, all classes.....	64	77	29	1	3		174							

## WICHITA FALLS, TEX.

Dark Hard Winter.....		14	13	3			30	1	6					7
Hard Winter.....			1	3	2	1	7		11		1			12
Hard Red Winter.....		14	14	6	2	1	37	1	17		1			19
Red Winter.....		8	2				10		7					7
Soft Red Winter.....		8	2				10		7					7
Mixed wheat.....	2	45	5	6		1	59		25	6	2	1		34
Total, all classes.....	2	67	21	12	2	2	106	1	49	6	3	1		60

## CLAY CENTER, KANS.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.
Red Spring.....	1	1	5	2	...	...	9	...	...	...	...	...	...	...
Hard Red Spring.....	1	1	5	2	...	...	9	...	...	...	...	...	...	...
Durum.....	2	6	3	...	...	...	11	...	...	...	...	...	...	...
Common and Red Durum.....	2	6	3	...	...	...	11	...	...	...	...	...	...	...
Dark Hard Winter.....	2	4	3	1	...	...	10	...	...	...	...	...	...	...
Hard Winter.....	16	26	24	1	1	1	69	1	...	...	...	...	...	1
Yellow Hard Winter.....	2	1	...	...	...	...	3	...	...	...	...	...	...	...
Hard Red Winter.....	20	31	27	2	1	1	82	1	...	...	...	...	...	1
Red Winter.....	...	...	...	...	...	1	1	...	...	...	...	...	...	...
Soft Red.....	...	2	2	...	...	...	4	...	...	...	...	...	1	1
Soft Red Winter.....	...	2	2	...	...	1	5	...	...	...	...	...	1	1
Mixed wheat.....	7	15	8	2	...	20	52	...	1	1	...	...	...	2
Total, all classes.....	30	55	45	6	1	22	159	1	1	1	...	...	1	4

## LINCOLN, NEBR.

Red Spring.....	1	1	1				3							
Hard Red Spring.....	1	1	1				3							
Dark Hard Winter.....		2	5	2			9							
Hard Winter.....	35	37	26	11	7	8	124		3					3
Yellow Hard Winter.....		10	4	2	2		18							
Hard Red Winter.....	35	49	35	15	9	8	151		3					3
Red Winter.....		1					1							
Soft Red Winter.....		1					1							
Mixed wheat.....				1			1							
Total, all classes.....	36	51	36	16	9	8	156		3					3

## MARSHALL, MINN.

Dark Northern Spring.....	3	3					6							
Northern Spring.....	63	48	17	1			129							
Red Spring.....		5					5							
Hard Red Spring.....	66	56	17	1			140							
Total, all classes.....	66	56	17	1			140							

## SHERMAN, TEX.

Dark Hard Winter.....		6	6				12							
Hard Red Winter.....		6	6				12							
Red Winter.....	1	36	4	1	2		44							
Red Walls.....		2					2							
Soft Red Winter.....	1	38	4	1	2		46							
Mixed wheat.....	15	24	3	4			46							
Total, all classes.....	16	68	13	5	2		104							

LOS ANGELES, CAL.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Northern Spring.....	3	1					4								
Red Spring.....	4	1					5								
Hard Red Spring.....	7	2					9								
Dark Hard Winter.....	3	5	1				9								
Hard Winter.....	7	9	2				18								
Hard Red Winter.....	10	14	3				27								
Hard White.....	5	10	3				18								
Soft White.....	4	4					8								
Common White.....	9	14	3				26								
White Club.....	22	1				1	24								
Mixed Wheat.....	7	5				1	13								
Total, all classes.....	55	36	6			2	99								

ST. CLOUD, MINN.

Dark Northern Spring.....	28	6	2				36							
Northern Spring.....	43	13	2				58							
Red Spring.....		3					3							
Hard Red Spring.....	71	22	4				97							
Total, all classes.....	71	22	4				97							

WINCHESTER, IND.

Red Winter.....		44	31	2	1		78		11	2				13
Soft Red Winter.....		44	31	2	1		78		11	2				13
Total, all classes.....		44	31	2	1		78		11	2				13

NEW PRAGUE, MINN.

Dark Northern Spring.....	16	5	1				22							
Northern Spring.....	13	9	7	3		1	33							
Hard Red Spring.....	29	14	8	3		1	55							
Dark Hard Winter.....									1					1
Hard Red Winter.....									1					1
Mixed wheat.....	4	9	9	1			23		1					1
Total, all classes.....	33	23	17	4		1	78		2					2



## TROY, OHIO.

Subclasses and classes.	In terms of carloads.														
	Receipts by grade.							Shipments by grade.							
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	To-tal.	
Northern Spring .....	4						4								
Hard Red Spring .....	4						4								
Red Winter .....		12	32	1	16	2	63								
Soft Red Winter .....		12	32	1	16	2	63								
Soft White.....			1				1								
Common White.....			1				1								
Mixed wheat.....		1					1								
Total, all classes.....	4	13	33	1	16	2	69								

## FARGO, N. DAK.

Dark Northern Spring.....	43	5	1	1			50							
Northern Spring.....	6						6							
Red Spring.....	1						1							
Hard Red Spring.....	50	5	1	1			57							
Amber Durum.....	2	4	1				7							
Common and Red Durum.....	2	4	1				7							
Total, all classes.....	52	9	2	1			64							

## SUPERIOR, NEBR.

Dark Hard Winter.....		5	5			2	12		3	1			2	6
Hard Winter.....		11	10	2	3	2	28		9	3		1		13
Yellow Hard Winter.....				1			1				1			1
Hard Red Winter.....		16	15	3	3	4	41		12	4	1	1	2	20
Total, all classes.....		16	15	3	3	4	41		12	4	1	1	2	20

## ALTON, ILL.

Dark Northern Spring.....	1	1					2							
Northern Spring.....	2	2					4							
Hard Red Spring.....	3	3					6							
Amber Durum.....	1						1							
Common and Red Durum.....	1						1							
Dark Hard Winter.....	1	1		1			3							
Hard Winter.....	1	1	5			2	9							
Yellow Hard Winter.....	1	1	2				4							
Hard Red Winter.....	3	3	7	1		2	16							
Red Winter.....	3	19	11				33							
Soft Red Winter.....	3	19	11				33							
Mixed wheat.....		1					1							
Total, all classes.....	10	26	18	1		2	57							

WASECA, MINN.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	Tot-al.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam-ple.	Tot-al.
Dark Northern Spring .....	13	3	1	—	—	—	17	—	—	—	—	—	—	—
Northern Spring .....	4	6	—	3	1	3	17	—	—	—	—	—	—	—
Red Spring .....	2	3	1	—	—	7	13	—	—	—	—	—	—	—
Red Spring Humpback .....	—	—	—	1	—	1	2	—	—	—	—	—	—	—
Hard Red Spring .....	19	12	2	4	1	11	49	—	—	—	—	—	—	—
Yellow Hard Winter .....	—	1	—	—	—	—	1	—	—	—	—	—	—	—
Hard Red Winter .....	—	1	—	—	—	—	1	—	—	—	—	—	—	—
Total, all classes .....	19	13	2	4	1	11	50	—	—	—	—	—	—	—

MANFIELD, OHIO.

[illegible]

HOPKINSVILLE, KY.

Hard Winter.....	1	1				2							
Hard Red Winter.....	1	1				2							
Red Winter.....	6	17	2	2	3	30		1	3		4		8
Soft Red Winter.....	6	17	2	2	3	30		1	3		4		8
Mixed wheat.....	1					1							
Total, all classes.....	8	18	2	2	3	33		1	3		4		8

BURLINGTON, IOWA.

Dark Northern Spring.....			1	2		1	4			2		2
Hard Red Spring.....			1	2		1	4			2		2
Dark Hard Winter.....			3	1			2					
Hard Winter.....			1	1		1	5					
Yellow Hard Winter.....			2		2		4		1	1		2
Hard Red Winter.....			6	2	2	1	11		1	1		2
Soft White.....	4	6	2				12					
Common White.....	4	6	2				12					
Total, all classes.....	4	6	9	4	2	2	27		1	3		4

## DAVENPORT, IOWA.

[illegible]

## HENDERSON, KY.

Subclasses and classes.	In terms of carloads.													
	Receipts by grade.							Shipments by grade.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	To- tal.
Red Winter.....	1	7	1	.....	.....	.....	9	1	9	.....	.....	.....	.....	10
Soft Red Winter.....	1	7	1	.....	.....	.....	9	1	9	.....	.....	.....	.....	10
Total, all classes.....	1	7	1	.....	.....	.....	9	1	9	.....	.....	.....	.....	10

## SAN FRANCISCO, CAL.

Hard Winter.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Hard Red Winter.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Mixed Wheat.....	12	.....	.....	.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	12	.....	.....	.....	.....	.....	12	.....	1	.....	.....	.....	.....	1

## MISSOURI VALLEY, IOWA.

Northern Spring.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Red Spring.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Red Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Common and red Durum.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....
Hard Winter.....	1	.....	2	.....	.....	.....	4	.....	.....	.....	.....	.....	.....	.....
Hard Red Winter.....	1	.....	2	.....	.....	1	4	.....	.....	.....	.....	.....	.....	.....
Mixed Wheat.....	.....	.....	.....	.....	2	2	4	.....	.....	.....	.....	.....	.....	.....
Total, all classes.....	1	2	2	.....	2	3	10	.....	.....	.....	.....	.....	.....	.....

## FREMONT, NEBR.

Hard Winter.....	.....	1	.....	.....	.....	.....	1	.....	1	3	1	.....	.....	5
Hard Red Winter.....	.....	1	.....	.....	.....	.....	1	.....	1	3	1	.....	.....	5
Total, all classes.....	.....	1	.....	.....	.....	.....	1	.....	1	3	1	.....	.....	5

## CEDAR RAPIDS, IOWA.

Northern Spring.....	1	2	.....	.....	.....	.....	3	.....	.....	.....	1	.....	.....	1
Red Spring.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Hard Red Spring.....	1	2	.....	.....	.....	.....	3	1	.....	.....	1	.....	.....	2
Total, all classes.....	1	2	.....	.....	.....	.....	3	1	.....	.....	1	.....	.....	2

## PART III.

Attention is again called to the fact that the data contained in the tables in Part III are necessarily incomplete and inaccurate. This is especially true with respect to the figures showing the amounts of shelled corn and wheat received by the elevators or warehouses.

Inspection and grading of grain as conducted in the majority of markets throughout the United States is made, not at the time of delivery of the grain to an elevator or warehouse, but as soon as possible after arrival of the grain at the market. A certificate of grade is issued by the inspector to the party to whom the grain was consigned. At some time subsequent to the inspection of the grain and the issuance of the certificate of grade, the consignee makes disposition of the grain. He may order the grain to an elevator for storage, he may reconsign the grain to another market, or he may sell the grain on track in his own market. In any event, the licensed inspector, as such, who inspects and grades the grain ordinarily has no actual knowledge of what disposition is made thereof. Therefore, the figures in the tables under Part III, showing the amounts of shelled corn and wheat received by elevators or warehouses, represent only the number of cars which, in the knowledge of the licensed inspectors, were delivered to such elevators or warehouses.

With reference to the names of the elevators or warehouses appearing in these tables, further explanation is necessary. In reports made to the Secretary of Agriculture by licensed inspectors, it appears that names of parties to whom cars of shelled corn and wheat were consigned have been confused with the names of parties owning or operating elevators and warehouses. It appears also that the names of railroad yards have been confused with the names of elevators owned or operated by railroad companies. It is possible, therefore, that in a few instances names appearing under the head of "Name of elevator" may in fact be neither the name of an elevator or warehouse nor the name of a party who owns an elevator or warehouse.

The amount of shelled corn and wheat voluntarily reported as having been received at and shipped to elevators or warehouses on sample or type is shown in the footnotes in the following tables:



## PART III-A.

Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof inspected and graded by them and delivered to and from elevators or warehouses in the grain markets of the United States where such licensed inspectors were located from May 1, 1917, to Oct. 31, 1917, inclusive, and showing also, as ascertained from voluntary reports of elevators or warehouses, the estimated amount of shelled corn received on sample or type by each such elevator or warehouse, and the estimated amount delivered therefrom on sample or type during the same period. The markets are arranged in alphabetical order.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Atchison, Kans.:														
Blair Elevator.....	29	304	76	8	2	.....	11	285	33	1	1	3	.....	
Blair Mill.....	79	377	79	15	8	7	1	139	12	1	.....	.....	.....	
Lukens Mill.....	6	13	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
Washer Grain Co.....	10	49	14	.....	.....	2	7	52	.....	.....	1	.....	.....	
Baltimore, Md.:														
B. & O. Elevator "B".....	340	558	73	4	154	66	75	908	199	1	1	4	5	
B. & O. Elevator "C".....	198	679	240	28	7	100	243	48	992	759	2	71	143	
B. & O. Elevator "E".....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	1	1	
Pennsylvania R. R. No. 1.....	6	8	.....	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	
Pennsylvania R. R. No. 2.....	.....	.....	.....	.....	.....	.....	4	21	5	.....	.....	.....	.....	
Western Maryland.....	319	851	297	34	8	206	85	40	776	927	5	3	9	341
Boston, Mass.:														
Grand Junction (1).....	.....	.....	7	4	1	2	.....	61	.....	.....	.....	.....	.....	
Hoosac (2).....	.....	.....	5	1	4	.....	.....	15	25	.....	.....	.....	.....	
Mystic.....	2	.....	3	.....	.....	4	.....	1	.....	.....	.....	.....	.....	
Buffalo, N. Y.:														
Checkerboard.....	.....	.....	.....	.....	.....	.....	21	16	14	3	.....	7	3	
Delwood.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....	.....	
Eastern.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	
Eldad.....	.....	.....	.....	.....	.....	.....	31	45	24	1	.....	10	10	
Electric.....	.....	.....	.....	.....	.....	.....	.....	14	6	.....	.....	.....	.....	
Erie Transfer "A".....	.....	.....	.....	.....	.....	.....	7	8	2	.....	.....	.....	.....	
Erie Transfer "B".....	.....	.....	.....	.....	.....	.....	28	111	45	1	.....	.....	.....	
Export.....	.....	.....	.....	.....	.....	.....	1	5	3	.....	.....	.....	6	
Iron.....	.....	.....	.....	.....	.....	.....	28	274	92	6	.....	5	3	
Kellogg.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	1	1	
Marine.....	.....	.....	.....	.....	.....	.....	27	118	56	6	1	12	2	
Michigan Central.....	.....	.....	.....	.....	.....	.....	4	1	3	.....	.....	.....	.....	
Mutual.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....	.....	.....	.....	
Ralston.....	.....	.....	.....	.....	.....	.....	.....	8	2	1	.....	.....	.....	
Superior.....	.....	.....	.....	.....	.....	.....	11	35	17	.....	.....	1	.....	
Burlington, Iowa:														
Burlington and Mississippi.....	1	19	4	1	2	1	3	9	.....	.....	.....	.....	.....	
Dirby Mills.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Cairo, Ill.:														
Cairo Mill and Elevator.....	.....	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	
Delta.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	
Halliday Mill.....	.....	6	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	
Hastings (3).....	.....	8	5	.....	.....	.....	.....	45	34	5	3	3	.....	
Hastings-Stout (4).....	.....	2	1	4	.....	1	.....	26	9	.....	.....	.....	.....	
Pink & Co.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Thistlewood.....	.....	3	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	
Cedar Rapids, Iowa:														
Cedar Rapids Grain Co.....	17	117	44	4	1	12	7	10	135	29	1	.....	.....	
Douglas & Co.....	.....	.....	1	.....	.....	3	4	.....	.....	.....	.....	.....	.....	
King Wilder Grain Co.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	
Champaign, Ill.:														
Cleveland Grain Co.....	24	86	14	3	1	4	1	7	155	87	.....	.....	1	
Chicago, Ill.:														
Armour "A" and "B".....	.....	.....	.....	.....	.....	.....	.....	80	22	.....	.....	.....	.....	
Badenock.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	
Belt.....	.....	.....	.....	.....	.....	.....	.....	282	101	.....	.....	.....	.....	
Byrnes (3).....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	
Calumet "A".....	.....	.....	.....	.....	.....	.....	.....	699	225	.....	.....	.....	.....	
Central "A".....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	
Cragin.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	
Dickinson.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	
Hales.....	.....	.....	.....	.....	.....	.....	.....	310	208	4	1	20	6	

<sup>1</sup> See notes on p. 73.

Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Chicago, Ill.:														
Bales & Edwards									4					
Irondale								1	117	1				
Joliet									19	10				
Keystone								2	391	117				
McKenna & Rogers									22				1	
Matteson									6					
Michigan Central								3	77	25	4		1	
Minnesota								2	1					
Mueller & Young (6)									3					
Norris									370	562	7		15	
Pennsylvania (7)									59	23	1			
Rialto								1	415	45	1		1	
Rosenbaum "A"									15	13				
Rosenbaum "B"									4					
Rosenbaum "C"										7				
Santa Fe								1	493	400			1	
South Chicago									64	30				
South Chicago "C"									50	66	1			
South Chicago "D"		10	9	6	1				462	190	1			1
Wabash								46	361	24	1		3	1
Cincinnati, Ohio:														
Carr Street		1							7	31	4			
Cleveland Grain Co.	18	35	12	1	1	2	3	13	63	34	1			1
Early & Daniels Co. (8)	27	95	28	5	2	3	4	5	69	5				
Ferger Grain Co. (9)	6	33	6	2			1	9	22	2	1			1
Perin Bros.	9	15	6			2	1	1		1				
Ralph Gray & Co.	4	3	2	1			2	3	2	2	1			
Stafford Grain Co.	12	25	8	3		10	7	10	58	28	2			1
Union Grain & Hay Co. (10)							1	2	12					
Clay Center, Kans.:														
Williamson Milling Co.									4					
Cleveland, Ohio:														
B. & O.	1	4												
Big Four	2	12	6											
Elevator "A"	32	75	22	1	3	3	6	17	87	92			1	1
Erie R. R.	1	4												
L. S. & M. S.	5	26	1											
Nickel Plate	1	12	6											
W. L. E.	1	1												
Coffeyville, Kans.:														
Allin Grain		1	1	1							1			
Rhea Patterson		34	2											
Davenport, Iowa:														
Elevator "A," Davenport														
Elevator Co.		2	4						2	2				
Elevator "A," Merchants														
Elevator Co.		2	8	1		1	1		10	20				1
Denver, Colo.:														
Ady & Crowe Mercantile Co.	18	14	5	1	1	2			11	3	1			
J. D. Best & Co.	25	21	1	1		3			27	22	1			
F. C. Ayers Mercantile Co.	10	5	3	1					2	4			5	
Crescent Flour Mills	12	7		1				1	11					
Denver Elevator	7	8							30	11	1			
Denver Union Stock Yards		1												
Flanley Grain Co.	4	1												
Growers Grain Co.	8	2												
Hungarian Flour Mills	22	11							39	7				
Longmont Farmers Milling & Elevator Co.		8	3						2					
O. M. Kellogg Grain Co.	4	10		1										
McClelland Mercantile, Industrial & Realty Co.	1													
Moody Warren Commercial Co.		1												
O'Donnell Grain Co.	13	10	1											
H. A. Robinson Grain Co.	1													
Seldomridge Grain Co.	8	6	2				1		8	13		1	1	
Summitt Grain & Coal Co.	12	7			2				3	4				
Superior Corn Products Co.	4					1								

<sup>1</sup>See notes on p. 73.

Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917:							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Detroit, Mich.:														
Beck Cereal Co.		2	2											
Commercial Milling Co.			3											
David Stott Flour Mill						1								
Elevator "B"		7	1			1								
Union Depot Elevator	11	35	15				1	6	38	18				2
Duluth, Minn.:														
Capital										1				
Duluth Universal Mill Co.	1													
Nelson & Peterson		1			5	1								1
East St. Louis, Ill.:														
Acme									1					
Belt	3	19	7						53	6				
Corn Product Co.	14	32	5											
Export									14	11				
Security	2	3						3	8					
Thies Bros.		1							2	1			1	
Western	10	33	3			3	1	14	47	17	1		3	
Evansville, Ind.:														
Union Elevator Co.		49							19	3	1			
Fort Worth, Tex.:														
Bewley Mills		4												
Burrows Mill & Elevator Co.		34	2											
Panther City Grain Co.		8	1						6	1				
J. Rosenbaum Co.		2	1											
Terminal Grain Co.		2												
The Fort Worth Elevator Co.		23	15	2		2	2		35	3				
Smith Bros. Grain Co.	129	19	1				4		41					
Fostoria, Ohio:														
Fostoria Grain Co.		12	1						10	27				
Fostoria Farmers Exchange Elevator									1					
Galveston, Tex.:														
Southern Pacific Sunset Elevator		82	5											
Texas Star Flour Mill		8	1											
Hammond, Ind.:									70	56	9		3	1
Standard										2	1			
Argo														
Henderson, Ky.:														
Henderson Elevator Co (11)		6	11						169	1				
A. Waller Co. (12)		1							334	1				
Hutchinson, Kans.:														
Kansas Grain Co. (13)									9					
Indianapolis, Ind.:														
Belt Elevator & Feed Co.								3	13	8	1		4	1
Big Four Elevator								1	17	20	1	1		
Elevator "A"								26	304	115	6	2	5	2
Beach Grove Elevator "B"								5	160	93				
Indiana Elevator								7	335	181	5	4	1	3
Vandalia								1	302	191	6		11	1
Jacksonville, Fla.:														
Armour & Co.		1												
Baker Co., A. S.		2					1							
Baker & Holmes Co. (14)		2												
Consolidated Grocery Co. (15)		1	1				2							
Cumberland & Liberty Mills Co. (16)		2	1											
Dowling, F. M., & Co.		1												
Flinn-Harris-Bullard Co. (17)		1	1											
Guller, C. E., & Co. (18)			1											
Johnson, W. B., Co. (19)		1												
Lewis, C. M., Co.		1	1											
Peninsular Naval Stores Co. (20)		3					2							
Pepperday, C. E.		1												
Permenter, J. G., & Co. (21)			1											
Redding Grain Co.		1	2											
Stringfellow-Padgett Co. (22)							1							
Tyler Grocery Co.		1	1				2							
Zaring, C. W., & Co.		1	2											

<sup>1</sup>See notes on p. 73.



Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Kankakee, Ill.:														
Bartlett-Frazier.....								15	67					
Kankakee (23).....								8						
Kansas City, Kans.:														
C. G. W. Elevator.....		3	3					5	4					
Frisco Elevator.....	4	11	1				1	1	8	1				
Globe Mill.....	5	1						1						
Neola Elevator.....	24	114	27	6	1		4	42	85	12				1
Memphis Elevator.....	38	98	40	14	6		3	34	157	31	3	1	1	2
Rosedale Elevator.....	2	6	2	2			1	13	26	3	3			
Rock Island Elevator.....								5						
Terminal Elevator.....	6	20	7	3	1		1	10	23	6	1	1		3
Kansas City, Mo.:														
Acme Elevator.....	1	6		1		1		13	291	6	3			1
Blackers Warehouse.....	3	1												
C. & A. Elevator.....	2	12	1					1	13	2				
Dixie Elevator.....	4	5	5		1		1	5	246	22	1			
Imperial Mill Elevator.....								2	8					
Kansas City Southern Elevator.....	74	213	64	8	1	3	6	50	477	95	4	3	2	
Kansas Missouri Elevator.....	28	128	26	7	1		7	35	311	33	1	1		1
Kornallfala Mill.....		1												
Milwaukee Elevator.....	12	17	4	3	1		1	8	117	37	1	1	2	2
Murray Elevator.....	43	50	27	9	1	1	4	72	175	38	5	1	3	4
Nelson Elevator.....						1			29	3				
Ramson Warehouse.....								1						
Russell Elevator.....									7					
Wabash Elevator.....	3	6						5	16	1				
Leavenworth, Kans.:														
Kansas Central Elevator.....		72	39	2	1				41	5				1
Lincoln, Nebr.:														
Barber Elevator.....			1		1									
Central Granaries Elevator.....	2													
Ewert Elevator.....	1	1												
Little Rock, Ark.:														
Cunningham Commission Co. ....		6	2						17	4				
Davis, S. P. ....		1												
Iron Mountain Elevator.....		6	2			7		1						
Mum Burrow Bro. Co. ....		20	6						2					
Walker Grain Co. ....										1				
Wienman Milling Co., J. F. ....		3	6						2		2			
Louisville, Ky.:														
Big Four Elevator.....							2		7	3	2	1		
Central Elevator.....	1													
Electric Elevator.....		1				1		3	46	4	4			
Louisville Elevator.....	1	8	5			1		106	25	1				
Public E. C. Co. ....													6	
Thompson Elevator.....	1	15	9					31	27	4	10			
Wathen Distillery Co., R. E. ....		13	9		2									
Memphis, Tenn.:														
Bluff City Grain Co. ....	3	36	11				1		9	4				
Broadway Mill & Elevator Co. ....	8	56	27	1	1									
Buckeye Cotton Oil Co. ....		1					1							
Central Elevator.....		8	3											
Davis & Andrews Mill & Ele- vator.....	14	100	37			3	3	2	2	2	8			
Early & Co. Warehouse, W. C. ....			1											
Industrial Elevator.....									2		2			
Merchants Elevator.....		1												
Mississippi Elevator.....		1	2			1	2			1	1			
Riverside Elevator.....	1	4	6											
Shanks Phillips Warehouse.....		2												
Superior Feed Co. ....		5		1										
Union Elevator.....	5	100	26	3	2	3		1	5					
Valley Elevator.....		11	5					1	1	6	2			
Wade & Sons Elevator, Jno. ....	27	170	90	12		4	9		9	15	1			
Milwaukee, Wis.:														
Elevator "A".....	64	197	69	8		40	29	10	332	51	3	1	3	8
Elevator "E".....	222	740	129	38	4	162	98	10	468	61	4		4	1
Interstate Malt Co. ....		6	3											
Krause Milling Co., C. A. ....	22	447	93	33	10	44	22							
Kamm Co., P. C. ....	11	41	10	5	1	9	7	8	54	23	6	5	16	5

<sup>1</sup> See notes on p. 73.



Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Milwaukee, Wis.—Continued.														
Lyman-Joseph Grain Co.		5	2				3		5	6	2			4
National Distillery Co.				1			1							
Rialto Elevator Co.	61	134	40	6		5	15	37	99	65	9		3	5
Reibs, jr., J. M.	19	23	5		1	2		1	19	27	3			1
Updike Grain Co. (24)	50	170	27	5	1	26	21	15	182	10	9		1	1
Wendt & Co., F.	2	5	1	2										
Minneapolis, Minn.:														
Atlantic Elevator	2	7	12	3		1			6	45	1	1		
Calumet Elevator		5	11	5			13		4	16	25	3	6	13
Concrete Elevator		3	10	4			2		3	19	7		1	2
Delmar Elevator	1	3	4						3	3			2	
Devereaux Co., W. P.		12	32	9	1	1	1	3	13	32	11	3	5	2
Diamond Elevator					1	1	1	1	4	1	2	2	1	5
Dickinson Co., Albert	9	31	26	9	3	1	4	8	40	34	28	1	9	7
Elevator "C"			1				1		3					
Elevator "D"								1						
Elevator "H"							1			1				
Elevator "K"	1	8	5	1			2	7	20	19	13		2	3
Elevator "L"		1												
Elevator "M"		1						2		2	1		2	
Elevator "S"								1	7	2	2	1	3	3
Elevator "T"								1		16	12	1	4	
Elevator "X"		2	2	3		1	4		2	3	4			
Exchange Elevator		6						3	10	4	1	2		2
Gee Grain Co.			4	1		1	5		1	5	3	3	8	9
Great Northern Elevator				1						23	3	1		
Great Western Elevator		19	31	2	1	4	2		10	66	20	4	1	3
Interior Elevator			1							2	2			
Interstate Elevator		1	1	2			1			1	3			2
Mississippi Elevator											1			
North Star Feed	3	13	20	11	2	1	1							
Pillsbury														1
Phelps & Co., E. L.	1	2	2				3		2					
Republic Elevator				1					1	1	1			
Stewart Elevator								1						
Soo Elevator				1	1				2	16	4		1	
St. Anthony Elevator							1							
Twin City Trading Co.	2	7	17	4	2		2	4	30	47	30	3	9	10
Union Terminal Elevator		1					3	2	5	55	41	20	8	14
Victoria Elevator			1	1			3			1		2		
Missouri Valley, Iowa:														
Missouri Valley Elevator		88	8	2	2	5	2		50	13				
Elevator "A"		24	4	2	1									
Nashville, Tenn.:														
Chestnut Street Warehouse (25)	1	6						1	5					
Commercial Elevator (26)	5	16	7					8	62	9	1			1
East Side Elevator	1	3	3											
Gillette Grain Co. (27)	2	10	3					1	19	4	1		1	2
Hale, J. R. (28)	9	36	24	3	1		1	11	22	3				
Hermitage Elevator Co.	4	23	10	12	5	4	6	1	17	21	8	1	2	
Just Mill & Feed Co.	20	40	19		1	4	5							
Jones, J. A. & O. L.	1	1												
Monarch Grain Co.	1	3												
Nashville Warehouse Elevator	15	64	64	6	4	2	7	29	129	86	9	3	2	5
Rex Mill & Feed Co.	9	14	10	1	1		1							
Rhea, I. T.	5	10	1	1			1		1					
River & Rail Elevator	2	4	3							4				
Singer Warehouse	1	9	2	3				2	16	12	5		1	
Tennessee Grain Co. (29)		1												
Tyner, John A.		10			1				1					
Union Elevator Co.	2	9	1	1										
New Orleans, La.:														
Public Grain Elevator	10	25	13	4		5	46	10	117	9	1	1	3	2
Poydras Elevator								1	10	43	9		3	2
Stuyvesant Dock Elevator	10	11	57	6		3	2	42	611	33	1			
Westwego														
Newport News, Va.:														
Southern Feed Co.		11	2											
New Ulm, Minn.:														
Eagle Roller Mill Co.	12	31	11	1										

<sup>1</sup> See notes on p. 73.

Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of earloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of earloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
New York, N. Y.:														
Erie Elevator.....	627	1,613	570	80	7	135	11	15	526	99		16		
Lehigh Valley R. R. Co.....	9	9	13			1	1	5	5	1				
New York Central & Hudson River Elevator.....	9	18	4				2	1			1			
Pennsylvania R. R.....	1							1						
West Shore R. R. Elevator.....	198	236	107	16		100	15		437	490				1
Norfolk, Va.:														
Branch & Co., J. H. (30).....								1						
Cofer & Co., J. H.....		2							10	1				
Cofer, V. L.....		1						1						
Gwaltney & Co., G. M.....		1												
Lehigh & Co., J. H.....						1								
N. & W. R. R. Elevator.....		1							33	18				
Wilson Drummond Biddle Corporation (31).....							1							
Oklahoma City, Okla.:														
Hardeman & King.....			1											
Langenburg Bros.....			1											
Oklahoma City Mill & Elevator.....			2	1					1	2	2			
Strong Grain Co., B.....		1												
Omaha, Nebr.:														
Caseo Mill Elevator.....	1	4	2	1					74	133				
Crowell Elevator.....	25	344	122	33	8	14	15	2	749	159	15		3	2
Holmquist Elevator.....	7	26	17	11		6	6	11	325	96	7		1	1
Independent Elevator.....	12	21	21	13	9	13	6		259	97			1	
Nebraska-Iowa Elevator.....	10	30	28	16	11	10	10	6	509	159	8	2	2	1
Merriam & Millard Elevator.....	13	23	21	17	15	14	9	3	189	85	2	1		
Omaha Elevator Co.....	10	25	20	15	7	10	5	3	372	122	7	1	2	
Trans-Mississippi Elevator.....	8	27	24	12	5	6	6		456	240	6	3	1	4
Updike Elevator.....	11	28	27	11	3	6	7	2	987	197	24	6	4	1
Pekin, Ill.:														
Turner-Hudnutt Elevator.....	9	114	21	5	3	6	86							
Peoria, Ill.:														
Burlington.....	103	967	232	10	11	33	20		399	292			5	1
Central City.....	49	188	59	5	4	28	8	14	404	20				
Smith-Hippen.....							2		14					
Philadelphia, Pa.:														
Girard Point.....	266	333	14	4	1	16	8	78	640	1			6	1
Keystone (32).....	18	23	3		1	5	3							
North Philadelphia Elevator.....	9	5	1			2	12							
Port Richmond.....	50	97	73	9	8	10	6	11	253	15	9	4	4	13
Twentieth Street.....	7	12	3	1		1	2							
Pittsburgh, Pa.:														
Central Elevator (33).....			1						1	1				1
Iron City (34).....									1	1				
Portland, Oreg.:														
Albers Bros. Mill Co.....	6		2											
Golden Rod Mill Co.....	1													
Richmond, Va.:														
W. G. Bragg.....									1					
C. & O. Ry. Co.....													1	1
Dunlop Mills (35).....													1	
Overman Williamson & Co.....						1								1
W. F. Richardson, jr., Co.....		1												
Salina, Kans.:														
Freeman Gr. Co.....	1	1												
C. E. Robinson.....	1	1												
Salina Produce Co.....		2	1											
Seattle, Wash.:														
Albers Bros. Milling Co.....	1	7	14											
Fisher Flouring Mills Co.....	3	2	21	2										
Galbraith Bacon Co.....		1	2											
Hammond Milling Co.....	2		7											
W. F. Jahn & Co.....			3											
Lehman Bros. Mill.....		4	6											
Magnolia Milling Co.....	1	1	2											
C. H. Lilly Co.....	2	5	14	4										
Spokane Grain Co.....			3											
Sheldon, Ill.:														
Cleveland Grain Co.....		12	20	2			1		48	80	1			
Darrow Farmers Grain Co.....									4	37				

<sup>1</sup> See notes on p. 73.

Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of carloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Sherman, Tex.:														
Chapman Mills.....			1	1										
Diamond Mills.....			1	1										
Gladney Mills.....			1											
Sioux City, Iowa:														
Akron Milling Co.....									2	4		2		
Mystic Milling Co.....	14	83	54	5	2	3	2	2	18	12	1			
Sioux City Stock Yard.....	2	3	8	2		1			3	3		1		3
Spokane, Wash.:														
Falls City Mill & Feed Co.....			1											
Spokane Grain Co.....			1											
St. Cloud, Minn.:														
H. C. Erwin Elevator.....		3												
St. Joseph, Mo.:														
C. B. & Q. Elevator.....								5	749	25	24	1		1
Terminal Elevator.....									266	65				1
St. Joseph Public Elevator.....								4	371	70	10	1	1	
St. Louis, Mo.:														
Brooklyn Street Elevator (36).....	1	1					1	8	175	24	1		1	1
Burlington Elevator.....	10	54	32	15	3		11	17	124	34				3
Central "B" Elevator.....	15	7					1	7	7	1	1	1		
Eureka Mills.....	1	1								1				
Exchange Elevator.....	3	5	4					2	22	4				
Mound City Elevator.....	1	8	1	1		1	1	2	6	2	1			
Purina Mills.....													1	
Rogers Elevator.....	1	2	1		1				2	4				
Superior, Nebr.:														
Bossemer Bros.....								2	12	5	2			
Elliott & Myers.....								1	23	16	1			
Scouler & Bishop.....								6	47	15	1	1		
Superior, Wis.:														
Duluth-Superior Mill. Co.....	1		3											
J. L. Ross Co.....			2	1		1								
Tacoma, Wash.:														
Albers Bros. Milling Co.....		2	2											
Coast Trading Co.....		2	1											
P. J. Francioli & Co.....		2	2	1										
W. H. Kenworthy & Son.....		2	1				1							
Puget Sound Flour Mills.....		1	2											
Puyallup & Sumner Fruit- growers Association.....			1											
Sperry Flour Co.....		3												
J. B. Stevens & Co.....		2	1											
Terre Haute, Ind.:														
American Hominy Co.....		410	360	16			3							
Commercial Distilling Co.....		106	167	6		1	6							
Cottrell Bros.....			3						8					
Majestic Distilling Co.....		233	391	9			8							
Vigo.....		317	376	13		2	5		718	137				
Toledo, Ohio:														
Central Elevator (37).....		2					10							
C. H. & D. Elevator "B".....									7	6			1	
East Side Iron Elevator.....	6	21						2	7	13	5			
Haskell's Mill.....	8	120	39	1	1	2								
Imperial Mill.....	2	13	2	1		1	1							
Lake Erie Mill.....	3	17	1				2	1	2					
Lake Shore "B" (38).....	6	33	7			1			8					
Toledo Grain Milling Co.....	26	68	14	2	2	3	2	2	10	2	1			
Topeka, Kans.:														
Billiard Mill.....	4	2					1							
Forbes Elevator.....	5	27	11					1	2					
Kaw Mill.....		5	1				2	1	8	14				
Troy, Ohio:														
The Allen & Wheeler Co.....	4	3	2	1			1							
Wellington, Kans.:														
Hunter Milling Co.....		1												
Larrabee Flour Mill Corpora- tion (39).....										1				
Wellington Mill & Elevator Co.....		1	1											

<sup>1</sup> See notes on p. 73.



Table compiled from reports of licensed inspectors, showing the number of cars of shelled corn and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of earloads May 1, 1917, to Oct. 31, 1917.							Shipments in terms of earloads May 1, 1917, to Oct. 31, 1917.						
	Grade of corn.							Grade of corn.						
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	No. 6.	Sam- ple.
Wichita, Kans.: Otto Weiss Elevator (40).....			1											
Wichita Falls, Tex.: Wichita Mill & Elevator.....			2	1	1		1			1				
Winchester, Ind.: Goodrich Bros.....		4	53	30			1		3	67	19			1
Winfield, Kans.: Alexander Flour Mill (41).....				2										
Winfield Flour Mills Co.....				5	1									

<sup>1</sup> The figures in parentheses following the name of elevators show the total number of ears, including white corn, yellow corn, and mixed corn, received and shipped from the elevators indicated.

- (1) Shelled corn shipped on sample or type, 2,878 bushels.
- (2) Shelled corn shipped on sample or type, 1,502 bushels.
- (3) Shelled corn received on sample or type, 985 bushels; shipped, 8,207 bushels.
- (4) Shelled corn shipped on sample or type, 1,746 bushels.
- (5) Shelled corn received on sample or type, 11,222 bushels; shipped, 12,223 bushels.
- (6) Shelled corn received on sample or type, 14,315 bushels; shipped, 14,315 bushels.
- (7) Shelled corn received on sample or type, 297,282 bushels; shipped, 189,715 bushels.
- (8) Shelled corn received on sample or type, 341 bushels; shipped, 10,372 bushels.
- (9) Shelled corn received on sample or type, 3,770 bushels; shipped, 107,498 bushels.
- (10) Shelled corn received on sample or type, 1,752 bushels; shipped, 8,565 bushels.
- (11) Shelled corn received on sample or type, 106,598 bushels; shipped, 437 bushels.
- (12) Shelled corn received on sample or type, 214,575 bushels; shipped, 3,108 bushels.
- (13) Shelled corn received on sample or type, 4,325 bushels; shipped, 4,317 bushels.
- (14) Shelled corn received on sample or type, 6,099 bushels.
- (15) Shelled corn received on sample or type, 8,090 bushels; shipped, 8,090 bushels.
- (16) Shelled corn received on sample or type, 4,384 bushels; shipped, 4,384 bushels.
- (17) Shelled corn received on sample or type, 700 bushels; shipped, 892 bushels.
- (18) Shelled corn received on sample or type, 198 bushels; shipped, 198 bushels.
- (19) Shelled corn received on sample or type, 2,052 bushels; shipped, 2,085 bushels.
- (20) Shelled corn received on sample or type, 2,935 bushels; shipped, 3,065 bushels.
- (21) Shelled corn received on sample or type, 1,428 bushels; shipped, 1,428 bushels.
- (22) Shelled corn received on sample or type, 1,176 bushels; shipped, 1,176 bushels.
- (23) Shelled corn received on sample or type, 91,354 bushels; shipped, 1,688 bushels.
- (24) Shelled corn shipped on sample or type, 18,000 bushels.
- (25) Shelled corn shipped on sample or type, 3,000 bushels.
- (26) Shelled corn shipped on sample or type, 1,000 bushels.
- (27) Shelled corn shipped on sample or type, 1,295 bushels.
- (28) Shelled corn shipped on sample or type, 14,664 bushels.
- (29) Shelled corn shipped on sample or type, 2,036 bushels.
- (30) Shelled corn received on sample or type, 2,050 bushels.
- (31) Shelled corn received on sample or type, 100 bushels.
- (32) Shelled corn received on sample or type, 49,500 bushels; shipped, 49,500 bushels.
- (33) Shelled corn shipped on sample or type, 244,950 bushels.
- (34) Shelled corn shipped on sample or type, 104,254 bushels.
- (35) Shelled corn received on sample or type, 6,691 bushels.
- (36) Shelled corn shipped on sample or type, 417,290 bushels.
- (37) Shelled corn shipped on sample or type, 1,200 bushels.
- (38) Shelled corn shipped on sample or type, 49,710 bushels.
- (39) Shelled corn received on sample or type, 1,104 bushels.
- (40) Shelled corn received on sample or type, 1,490 bushels; shipped, 4,630 bushels.
- (41) Shelled corn received on sample or type, 1,591 bushels; shipped, 632 bushels.



## PART III-B.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof inspected and graded by them, and delivered to and from elevators or warehouses in the grain markets of the United States where such licensed inspectors were located (from Aug. 1, 1917, for spring wheat and from July 1, 1917, for all other wheats, to Oct. 31, 1917, inclusive), and showing also, as ascertained from voluntary reports of elevators and warehouses, the estimated amount of wheat received on sample or type by each such elevator or warehouse, and the estimated amount delivered therefrom on sample or type during the same period. The markets are arranged in alphabetical order.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Abilene, Kans.:												
Security, Abilene & Hoffman Mill..	83	292	145	20	21	38	.....					
Alton, Ill.:												
Sparks Mill.....	17	32	20	3	.....	2	.....					
Stannard Mill.....	.....	1	.....	.....	.....	.....	.....					
Atchison, Kans.:												
Blair Mill Co.....	18	30	27	3	2	1	7	6	.....	.....	.....	2
Lukens Mill Co.....	7	61	25	4	2	.....	.....					
Orthwin Machette.....	1	5	1	.....	.....	.....	.....					
Baltimore, Md.:												
B. & O. Elevator "B".....	3	10	18	12	16	18	.....	6	9	8	3	1
B. & O. Elevator "C".....	.....	7	15	7	11	12	.....	6	11	7	6	6
B. & O. Elevator "E".....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1
Pennsylvania R. R. No. 1.....	.....	5	9	7	8	10	.....	4	6	4	4	.....
Pennsylvania R. R. No. 2.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Western Maryland Ry.....	.....	9	16	14	15	15	.....	16	17	11	11	7
Boston, Mass.:												
Grand Junction Elevator.....	.....	238	37	.....	3	2	.....					
Hoosac Elevator.....	.....	138	36	2	3	.....	.....	190	.....	.....	.....	.....
Buffalo, N. Y.:												
Checkerboard.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Concrete.....	.....	.....	.....	.....	.....	.....	7	1	.....	.....	1	43
Connecting Terminal.....	.....	.....	.....	.....	.....	.....	8	.....	.....	.....	.....	.....
Dakota Elevator.....	.....	.....	.....	.....	.....	.....	18	3	4	.....	.....	48
Dellwood Elevator.....	.....	.....	.....	.....	.....	.....	8	7	.....	.....	.....	21
Eldad.....	.....	.....	.....	.....	.....	.....	.....	12	24	.....	.....	30
Electric.....	.....	.....	.....	.....	.....	.....	.....	3	.....	1	2	17
Erie Transfer "A".....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	3
Erie Transfer "B".....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	3	2
Exchange.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	71
Evans.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	13
Export.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	1	.....
Great Eastern Elevator.....	.....	.....	.....	.....	.....	.....	23	.....	.....	.....	.....	117
Iron.....	.....	.....	.....	.....	.....	.....	.....	6	7	2	1	8
Kellogg.....	.....	.....	.....	.....	.....	.....	19	.....	.....	.....	.....	7
Marine.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	1	.....
Michigan Central Transfer Ele- vator 1.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Mutual.....	.....	.....	.....	.....	.....	.....	70	27	15	.....	.....	.....
Ralston Elevator.....	.....	.....	.....	.....	.....	.....	.....	5	1	1	.....	1
Superior.....	.....	.....	.....	.....	.....	.....	34	6	4	.....	.....	36
Wheeler.....	.....	.....	.....	.....	.....	.....	10	2	.....	.....	.....	10
Cairo, Ill.:												
Cairo Mill & Elevator Co.....	.....	1	5	2	1	.....	.....	.....	.....	.....	.....	.....
Hastings, S. Co. (2).....	1	3	8	4	7	4	.....	.....	7	1	1	.....
Hastings-Stout Elevator (3).....	.....	.....	9	3	9	7	.....	.....	4	3	5	.....
Cedar Rapids, Iowa:												
Jackson Grain Co.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....
Chicago, Ill.:												
Armour "C".....	.....	.....	.....	.....	.....	.....	1	8	5	.....	.....	.....
Armour Elevator.....	.....	.....	.....	.....	.....	.....	.....	9	11	.....	.....	.....
Badenock Elevator.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....
Belt Elevator (4).....	.....	.....	.....	.....	.....	.....	17	57	23	1	1	.....
Calumet "A" Elevator.....	.....	.....	.....	.....	.....	.....	7	159	99	.....	1	1
Calumet "B" Elevator.....	.....	.....	.....	.....	.....	.....	.....	7	8	.....	.....	.....
Calumet Yards.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Central Elevator "A".....	.....	.....	.....	.....	.....	.....	.....	78	.....	.....	.....	.....
Dickinson Elevator.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	.....	.....
Hales & Edwards.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....

<sup>1</sup> See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Chicago, Ill.—Continued.												
Hales Elevator.....							1	10	9	1		
Irondale Elevator (5).....								67				
Manns' Elevator, H. S.....									3	1	1	
Midland Elevator.....							1		2		1	
Michigan Central Elevator.....							4	6	6	1	1	
Mueller & Young (6).....							5	40	38	12	6	1
Norris Elevator.....								66	3	1		
Pennsylvania Elevator (7).....							2	5	12	3		4
Rialto Elevator.....								9	27	6		
Rialto Elevator "A".....							12	756	823	41	104	
Rockwell Elevator (8).....								1				4
Rosenbaum "B" (9..).....								4	7			
Santa Fe Elevator.....							4	98		4		6
South Chicago Elevator "C".....								5	3			
South Chicago Elevator "D".....									1		1	
South Chicago Yards.....								3				
Union Elevator.....										1		
Wabash Elevator.....								2	2			
Cincinnati, Ohio:												
Carr Street Elevator.....							3	26	35		9	2
Cincinnati Grain & Hay Co. (10).....								2	3			1
Cleveland Grain Co.....	7	36	98	1	26	52	2	133	35		9	10
Early & Daniel Co. (11).....		19	62	11	70	33		129	150	1	3	2
Ferger Grain Co. (12).....	1	5	7	3	4	1	1	9	19			
Ralph Gray & Co., Fairmont Ele- vator.....	3	53	93	15	67	36	4	116	109	6	33	39
Mueller Co., The John.....								4	7			
Stafford Grain Co. (13).....		9	21	2	8	10		47	23	4	5	2
Clay Center, Kans.:												
Clyde Mill & Elevator Co.....	2	5	2			1						
Concordia Milling Co.....		1		1								
Lams Grain Co.....								1				
Snell Mill & Grain Co.....	14	28	29	5		24						
Wakefield Grain & Live Stock Co.....								1	1			
Williamson Milling Co.....	6	10	12			4						1
Cleveland, Ohio:												
Elevator "A".....		7	1					19				
Gates Elevator.....								1				
Coffeyville, Kans.:												
Allin Grain Co.....	5	13	8		1		1	2				
Rea-Patterson Milling Co.....	197	382	145	5	12	5		3				
Sauer Milling Co.....	3	15	5		1	4						
Wilson Elevator.....	24	12	15	1	1	1		2				
Columbus, Ohio:												
Capital Milling Co.....		6	10		2							
Gwinn Milling Co.....	10	46	46	36	57	8						
Davenport, Iowa:												
Burlington & Mississippi.....	1	2	5	3	1	2	1	1	2	2		
Phoenix Mill.....	12	3										
Denver, Colo.:												
Ady & Crowe Mercantile Co.....	5	8	1	1	1							
Alamosa Flour Mill.....			1									
Ault Elevator.....		2										
Ayers, F. C., Mercantile Co.....	2	4	8	6	2		1	1	9			
Barteldes Seed Co.....		2										
Best, J. D., & Co.....				1								
Center Elevator.....			1									
Conejos Cooperative Roller Mills.....	2	2	1									
Colorado Milling & Elevator Co.....	5	7	3	1		1						
Crescent Flour Mills.....	63	63	12	10	5	8						
Denver Elevator.....	16	79	53	18	26	23		5	7			
Eagle Flour Mills.....	14	22	11	1	2	2						
Eaton Flour Mills.....	8	16	4									
Farmers Milling & Mercantile Co.....		1										
Farmers Union Cooperative Eleva- tor & Supply Co.....	213	27	3	2		8						
Hungarian Flour Mills.....	221	216	73	29	7	10	1					
Hooper Elevator.....			1		1							
Kellogg, O. M., Grain Co.....	1		1									
Kirchhof Lumber Co.....	1		1		1							

<sup>1</sup>See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Denver, Colo.—Continued.												
La Jara Flour Mills.....	3	2	6	5	2	.....						
Longmont Farmer's Mill & Elevator Co.....	442	175	46	28	12	11	12	2	.....			1
Louisville Elevator.....	1	3										
Loveland Flour Mills.....	2	3										
Model Flour Mills.....	7	3	1	4	1	1						
Monte Vista Flour Mills.....		2	1	2	2	2						
O'Donnells Grain Co.....		5	2			1						
Palmer, E. B.....		1										
Platte Valley Milling & Elevator Co.....	1	3										
Pueblo Flour Mills.....						2						
Russell Gates Mercantile Co.....			1		1							
Seldomridge Grain Co.....									1		1	
Steamboat Milling & Power Co.....	1											
Summit Grain & Coal Co.....	9	4	3		1	1						
Tampkin, G. W.....			1									
Wells-Abbott.....				2	1							
Western Milling & Elevator Co.....	34	19	9	1	2	3						
Windsor Mercantile Co.....	2											
Detroit, Mich.:												
Michigan Central Elevator "B".....		1	1	1	1	.....	1	1	1	1	1	.....
Union Depot Elevator.....			2		1	.....		2	3	1		.....
Duluth, Minn.:												
Capitol Elevator Co.—												
Elevator No. 4.....							1	12	12	48	1	1
Elevator No. 6.....							97	62	18	186	38	.....
Consolidated Elevator Co.—												
Elevator "D".....							758	231	205	356	143	10
Elevator "E".....		28		97	92	93		23	98	74	268	104
Globe Elevator Co.....							122	76	17	310	71	215
Great Northern Elevator Co.—												
Elevator "S".....							678	452	73	422	214	99
Superior Terminal Elevator Co.—												
Elevator "K".....							38	79	.....	82	.....	4
East St. Louis, Ill.:												
Acme Elevator.....							1					
Belt Elevator.....	1	13	25	9	3	12	1	49	89	6	7	4
Export.....												1
Granite City Elevator.....							1	2	1			
Hazel Mills.....			2									
Illinois Central Elevator.....			1									
Sparks Milling Co.....	6	18	25	6	2	2						
Security Elevator.....	3	7	2	1	1	1		51	39	4	3	7
Terminal Elevator.....		18	31	3	7	4		28	107	9	2	
Venice Elevator.....		3	3					38	120	12	10	7
Vandalia R. R. Elevator.....								1				
Wabash R. R. Elevator.....		1										
Western Elevator.....		29	20		1	2	1	82	17	3	1	2
Enid, Okla.:												
Cones, T. C., Grain Co.....								2				
Dacoma Grain Co.....								2				
Enid Milling Co.....	20	146	43	12	4	2		9	13	1		
Farmers Grain & Lumber Co.....								1	2			
Goltry Grain Co.....								3	2			
Jarvis, J. E.....							1	5				
Johnson, W. B.....		12	2				13	23	5	1		
Marquis Grain Co.....								4				
May Grain Co.....									1			
Miller's Milling Co.....			1									
McCafterty.....							3	6	1			
Norris Grain Co.....								1				
Randles & Grubb.....	2	20	1				13	46	4		1	
Shaw, J. H.....	2	9	3	6	1			29	1	1		
Waukomis Milling Co.....								2				
Yukon Mill & Grain Co.....									3			
Evansville, Ind.:												
Akin Erskine Mill.....	7	62	35	7	4	33						
Iglehart Bros. Mill.....	4	17	23	3		1						
Phoenix Milling Co.....	1	9	17	7	2	6						
Union Elevator.....		28										

<sup>1</sup>See notes on p. 82.



Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
<b>Fort Worth, Tex.:</b>												
Bewley Mills.....	2	26	17	7	.....	.....						
Burrows Mill & Elevator Co.....	5	17	6	1	.....	1						
Dazey-Moore Grain Co.....	.....	8	.....	3	1	.....						
Fort Worth Elevator Co.....	2	74	25	16	1	6						
Rall Grain Co. (E. G.).....	1	1	.....	1	.....	.....	5	1				
Rosenbaum Grain Co., J.....	3	21	12	1	2	.....						
Smith Bros. Grain Co.....	1	13	4	1	.....	.....						
<b>Fremont, Nebr.:</b>												
Fremont Milling Co.....	.....	1	.....	.....	.....	.....						
Nye-Schneider-Fowler Co.....	.....	.....	.....	.....	.....	.....	1	3	1			
<b>Galveston, Tex.:</b>												
Texas Star Flour Mills Co.....	4	199	179	58	.....	7	4	199	179	58	.....	7
<b>Henderson, Ky.:</b>												
Henderson Elevator Co.....	1	7	1	.....	.....	.....	1	10				
<b>Hopkinsville, Ky.:</b>												
Acme Mills.....	.....	13	27	3	4	2						
Hopkinsville Milling Co.....	.....	4	3	2	2	3						
<b>Hutchinson, Kans.:</b>												
Kansas Grain Co., Elevator (14).....	.....	.....	.....	.....	.....	.....	5	14	55	7	2	1
Kelley, Wm., Milling Co. (15).....	3	8	8	3	2	.....						
Larabee Flour Mills Corporation.....	5	35	16	4	1	.....						
Monarch Mill Elevator Co. (16).....	.....	1	.....	1	1	.....						
Rock Milling & Elevator Co. (17).....	.....	.....	2	1	2	.....	6	4	1	2		
Terminal Elevator.....	.....	.....	.....	.....	.....	.....		1	1		1	
<b>Indianapolis, Ind.:</b>												
Beach Grove Elevator "B".....	.....	.....	.....	.....	.....	.....	13	3	4			
Belt Elevator & Feed Co.....	.....	.....	.....	.....	.....	.....					1	
Big Four Elevator.....	.....	.....	.....	.....	.....	.....	24	21			1	3
Elevator "A".....	.....	.....	.....	.....	.....	.....	3					
Indiana Elevator.....	.....	.....	.....	.....	.....	.....	130	109	15	21	2	
Vandalia Elevator.....	.....	.....	.....	.....	.....	.....	23	8	1		3	
<b>Kansas City, Kans.:</b>												
Alton Elevator.....	1	1	.....	2	1	9	1	3	2	2	2	7
Bulte's Mill.....	.....	.....	.....	1	.....	2						
C. G. W. Elevator.....	4	13	4	5	3	2	21	265	66	35	.....	5
Frisco Elevator.....	.....	1	.....	.....	.....	.....	3	101	12		8	111
Ismert Hinke.....	.....	5	1	.....	.....	.....						
Kansas Missouri Elevator.....	6	10	14	.....	.....	1	11	66	34	10		1
Kelly Mill.....	.....	1	2	1	.....	.....						
Kidder Mill.....	.....	1	1	.....	.....	1						
Memphis Elevator.....	.....	.....	.....	.....	.....	1	4	26	2	1		5
Midland Elevator.....	.....	.....	.....	.....	.....	.....						
Neola Elevator "A".....	20	49	9	4	1	1	40	245	16	19		3
Neola Elevator "B".....	.....	.....	.....	.....	.....	.....	1	6				
R. I. Elevator.....	.....	.....	.....	.....	.....	.....	3	14	8			
Rosedale Elevator.....	.....	.....	.....	.....	.....	.....		1			5	1
Southwest Mill.....	.....	.....	.....	.....	.....	2						
Terminal Elevator.....	.....	27	15	2	3	3	49	303	112	15	3	13
Zenith Mill.....	.....	2	3	1	.....	1						
<b>Kansas City, Mo.:</b>												
Alton Elevator.....	12	60	51	30	8	28	1	149	28	15	4	.....
C. & A. Elevator.....	5	.....	.....	.....	.....	.....						
Dixie Elevator.....	.....	2	1	1	.....	1	1	4	3			1
Kansas City Southern Elevator.....	6	16	1	1	1	.....		15		5	1	
Kansas Missouri Elevator.....	88	182	55	13	13	9	90	443	69	5	5	2
Midland Mill.....	1	7	4	5	.....	1						
Milwaukee Elevator.....	36	124	77	15	9	6	88	391	80	7		8
Murray Elevator.....	82	161	62	12	12	6	58	415	29	11	7	4
Norris Elevator.....	1	8	6	22	4	6	3	33	19	15		
Wabash Elevator.....	54	151	48	29	11	3	25	191	33	5	1	
Wagoner Gates Mill.....	2	10	9	1	.....	2						
<b>La Crosse, Wis.:</b>												
Listmon Mills.....	214	51	15	8	2	3						
<b>Lawrence, Kans.:</b>												
Bowersock Mills & Power Co.....	64	77	29	1	3	.....						
<b>Leavenworth, Kans.:</b>												
Kansas Central Elevator Co.....	.....	44	8	.....	.....	1						
Leavenworth Milling Co.....	29	58	20	1	1	2						
Lyle Manufacturing Co., J. C.....	101	150	57	11	13	5						
Wilson Legler.....	.....	1	1	.....	13	12						

<sup>1</sup> See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat. <sup>1</sup>					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Lincoln, Nebr.:												
Gooch Milling Co. ....	3	7	7	5	5	3						
Los Angeles, Cal.:												
Capitol Milling Co. (18) ..	16	5	2									
Farmers Grain & Milling Co. ....			1									
Globe Grain & Mill Co. ....	34	23	3			4						
Great Western. ....	1											
Nicholls-Loomis Co. ....	1											
Taylor Milling Co. ....	1											
Louisville, Ky.:												
Big Four Elevator. ....								4	1			
Electric Elevator. ....								11				
Louisville Elevator. ....								1	1			
Louisville Milling Co. ....		10										
Mankato, Minn.:												
Hubbard Milling Co. ....	75	99	13	2	2							
Mansfield, Ohio:												
Goemann Grain Co. (19) ..	3	19	9	1				12				
Mansfield Hay & Grain Co. (20) ..	2	8	1		2							
Marshall, Minn.:												
Marshall Milling Co. ....	71	51	17	1								
Memphis, Tenn.:												
Broadway Mill & Elevator. ....		17	42	8	5	3						
Memphis Warehouse. ....			2									
Mississippi Elevator. ....			1			3						
Riverside Elevator (21) ..		1	29	10	7	9						
Royal Feed Milling Co. ....						1						
Superior Feed Co. ....					1	3						
Union Elevator. ....		1	11	3		3						
Wade & Sons Elevator, Jno. ....		8	6	2	1	4						
Milwaukee, Wis.:												
Elevator "A" ..	47	26	4	2	10		21	10	4		2	
Elevator "E" ..	22	17	7		1		5		1	1	2	
P. C. Kamm Co. ....	30	19	4	2	1	4	9	7	3	1		5
C. A. Krause Milling Co. ....	1	2	3	2	3	42						
Lyman-Joseph Grain Co. ....	1	2	2									
Rialto Elevator Co. ....	12	16	8	1		1	10	5	1			9
J. M. Riebs, jr. ....	3	6			1	1	2	1	1	1	2	
B. Stern & Sons. ....	121	62	20	2	6	3						
Udike Grain Co. ....	12	12	6	1	5	1	2	7	1	3	1	
Wendt & Co., F. ....	24	31	4	2	3	1	22	36	4	2	4	1
Minneapolis, Minn.:												
Atlantic Elevator. ....							38	45	10	16	1	7
Calumet Elevator. ....	58	44	24	13	5	43						
Central Mill Elevator. ....									1			
Concrete Elevator. ....							94	57	21	38	13	24
Devereaux. ....							1	4	4	3	1	
Delmar Elevator. ....							10	8	3	5	23	55
Dickinson Elevator. ....							111	60	20	11	7	28
Dibble Elevator. ....							53	69	54	36	12	11
Diamond Elevator. ....							4					2
Electric Steel Elevator. ....							37	52				1
Elevator "C" ..	8	15					8	15	11		5	7
Elevator "D" ..							7	11	3			
Elevator "H" ..							40	44	18	16	2	2
Elevator "K" ..							39	25	3	3	1	22
Elevator "M" ..							27	30	28	12	3	9
Elevator "S" ..							5	15	5	2		2
Exchange Elevator. ....							33	35	9	8	2	8
Fairbanks Elevator. ....	1	3		2								
Gee Elevator. ....							26	38	17	8	2	4
Gould Elevator. ....							5	1	2			7
Great Northern Elevator. ....							5	7	25			2
Interstate Elevator. ....							18	8	3	1		6
Lake Elevator. ....							13	7	5	3	6	
Listman Milling Co. ....							46	1		1		
Marshall Milling Co. ....							5	8	3			
Midway Elevator. ....							6	1				4
Minnesota Transfer. ....		9	2	1								

<sup>1</sup> See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
<b>Minneapolis, Minn.—Continued.</b>												
Monarch Elevator.....							4	6				1
Mississippi.....							64	38	10	5	3	11
New Prague Milling Co.....							8	6	3			2
North East Feed.....											1	2
Phelps Mill.....												1
Pillsbury Elevator.....							2	3	2	1		8
Pioneer Steel.....							106	110	10	9	1	8
Republic Elevator.....							23	14	8	3	2	2
Shoreham Elevator.....							46	85	36	29	9	20
Star Elevator.....							39	32	9	10	7	15
St. Anthony Elevator.....							21	34	7	3	9	75
Stewart Elevator.....										2		7
Terminal Elevator.....							93	27	4	1		
Twin City Trading Co.....							8	11	15	3	2	17
Union Elevator.....							7	11	3	4	1	4
Valley City Elevator.....		1										
Victoria Elevator.....											2	
Soo Elevator.....							18	9	3			1
<b>Nashville, Tenn.:</b>												
Hale & Sons, J. R. (22).....	1	8	8	6	11	10	1	12	2			
Hermitage Elevator Co.....		22	44	13	28	24		9	30	8	9	5
Just Mill & Feed Co.....				1								
Liberty Mills.....	77	433	543	79	131	120						
Nashville Warehouse.....	2	68	89	17	32	42	3	114	65	6	7	5
Rex Mill & Feed Co.....		1										
Singer Warehouse.....			1					1				
<b>New Orleans, La.:</b>												
Public Grain Elevator.....	1			1		1						
Stuyvesant Docks.....	66	1,249	218	50	40	81		68				3
Westwego Elevator.....												
<b>New Prague, Minn.:</b>												
New Prague Flouring Mill.....	21	23	17	4		1		2				
<b>New Ulm, Minn.:</b>												
Bingham Bros.....	3	4		1	2							
Eagle Roller Mill.....	269	281	49	70	36	40						
New Ulm Roller Mill.....	4	5	6	10	16	7						
Quinn-Shepherdson Co.....	1	5										
<b>New York:</b>												
Erie Elevator.....	246	1,266	543	184	40	74	82	236	22			
Lehigh Valley R. R.....	428	662	648	118	37	27	154	314	18		2	
N. Y. Central & H. River R. R.....	2	19	16	5		1						
Pennsylvania R. R.....		4	32	6	23	37			1			
West Shore Elevator.....	190	479	413	25	18	52		197	52			
<b>Omaha, Nebr.:</b>												
Blanchard & Niswonger.....						1		1				
Crowell Elevator Co.....	2	11	14	10	3	7		11	11	7	1	1
Dawson.....	2	4	6	1				5	8	2		
Farmers Terminal Elevator Co.....	6	13	9	4	2	1	2	2	3	2	2	5
Flanley.....	1	6	2	2				4				
Holmquist Elevator Co.....	4	25	21	6	4	2	6	19	23	5	5	3
Independent Elevator Co.....	27	67	67	39	20	26						
Iowa Elevator Co.....	1	1	1			1	1	2	1			
Merriam & Millard Elevator Co.....	4	13	12	7	2	4	12	9	6	1	6	
Nebraska-Iowa Grain Co.....	11	23	20	9	1	7	12	32	21	16	5	6
Nye-Schneider-Fowler Co.....							7	29	22	8	1	5
Omaha Elevator Co.....	11	28	30	12	2	4	8	18	19	12	1	3
Trans-Mississippi Grain Co.....	9	28	18	3	3	3	5	20	5	1	2	3
Udike Elevator Co.....	17	62	39	26	9	10	14	39	12	7	2	5
<b>Pekin, Ill.:</b>												
Turner-Hudnutt Elevator.....		6	16	10	8	11		5	12	6	8	5
<b>Peoria, Ill.:</b>												
Burlington Elevator.....	3	14	15	9	10	6		12	11	2	4	4
Smith-Hippen Elevator.....				2		1						
<b>Philadelphia, Pa.:</b>												
Girard Elevator (24).....	340	117	538	113	532	269	250	193	594	175	296	140
Keystone Elevator (25).....						2						
Port Richmond Elevator (26).....	633	178	116	12	133	80		39	55	28	1	
20th Street Elevator.....				1	1	4						

<sup>1</sup> See notes on p. 82.



Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
<b>Portland, Oreg.:</b>												
Albers Bros. Milling Co. ....	9	9	6	2	3	7						
Albina Docks .....	15	43	26	19	36	32						
Columbia Milling Co. ....	5	17	26	9	1	4						
Crown Mills Co. ....	79	103	108	51	15	4						
Globe Grain & Milling Co. ....	64	93	144	54	17	4						
Golden Rod Milling Co. ....	1		1									
Irving Dock, Pacific Grain Co. ....	9	67	86	40	55	1						
Jobes Mill. ....	9	9	10	8								
Mersey Dock, Balfour-Guthrie & Co. ....	19	27	42	9	19	6						
Montgomery Dock, Pacific Grain Co. ....	21	77	110	74	141	20						
Municipal Dock No. 21. ....		2	7									
North Bank Dock, Northern Grain & Warehouse Co. ....	52	91	15	58	17	22						
Pacific Coast Elevator Co. ....	9	16	37	22	7	5						
Portland Flouring Mills .....	37	101	114	42	10	10						
<b>Salina, Kans.:</b>												
Aurora Milling Co. ....		3										
Concordia Milling Co. ....		7	3	1		1						
Farmers Elevator Co. ....			3									
Freeman Milling Co. ....	5	22	16	6		2						
Hays Milling Co. ....		2	4	2								
Jackson Milling Co. ....			1									
Lee Warren Milling Co. ....	3	130	76	20	4	5						
Linsborg Milling Elevator Co. ....	2	1										
Plainsville Milling Elevator Co. ....	2	2	6	1								
Rickel, E. L. ....	1	15	4		1							
Robinson, C. E. ....	12	18	28	6	3							
Russell Milling Co. ....	1	4	1		3							
Salina Produce Co. ....	17	26	7	5		1						
Security Mills. ....			1									
Shellabager Milling Elevator Co. ....	5	27	14	8	5	1						
Sloan, B. V. ....	1											
Thielen, M. F. ....					1							
Wilson Milling Co. ....	1	2	1	1								
Western Star Milling Co. ....		50	21	5		4						
<b>Salt Lake City, Utah:</b>												
Farmers' Grain & Mill Co. ....				1								
Globe Grain & Mill Co. ....		3	2									
Inland Grain Co. ....				1								
Intermountain Grain & Milling Co. ....		1										
Interocean Elevator. ....							1					
Smurthwaite, C. A., Grain Co. ....			1									
<b>San Francisco, Cal.:</b>												
Albers Bros. Milling Co. ....		1										
<b>Seattle, Wash.:</b>												
Albers Bros. Milling Co. ....	18	20	18	6	2	11						
Fisher Flouring Mills Co. ....	164	184	129	36	25	10						
Galbraith-Bacon Co. ....	7	2				1						
Hammond Milling Co. ....	62	81	47	17	18	3						
Hanford St. Elevator & Dock .....	67	47	97	23	26	5						
Jahn, W. F., Co. ....		1			2							
Lehmann Bros. Mill. ....	1		1	1	1	1						
Lilly, C. H., Co., The .....	50	24	15	6	8	5						
Magnolia Milling Co. ....		1	1		1							
Novelty Mill Co. ....	19	15	6	6	1							
Spokane Grain Co. ....		1	1	3								
West Seattle Elevator. ....	19	31	16	7	10	2						
<b>Sherman, Tex.:</b>												
Chapman Mills. ....	4	16	1									
Diamond Mills. ....	3	15	3	1								
Glodney Mills. ....	4	25	7	4								
Smith Mills. ....	5	10	2									
<b>Sioux City, Iowa:</b>												
Akron Milling Co. ....							2	5		2	2	
Martens & Ketels Milling Co. ....	33	11	6									
Mystic Milling Co. ....	78	33	9	2	4	1						
<b>Spokane, Wash.:</b>												
Balfour Greeley Grain Co. ....									3			
Blanchard, E. C. ....			2									

<sup>1</sup> See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of earloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of earloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Spokane, Wash.—Continued.												
Centennial Mill Co.	37	65	66	35	3	3						
Echo Mill Co.	3	4	11	2								
Kerr, Gifford.									1			
Lewiston Milling.									1			
Pacific Grain Co.								1				
Spokane Flour Mills.	9	36	32	24	1	3						
Starr Grain Co.							12	5	24	5		
St. Cloud, Minn.:												
Erwin Mill.	11	4	1									
G. N. Flour Mill Co.	51	17	4									
St. Joseph, Mo.:												
Burlington Elevator.							21	75	15	1	3	4
St. Joseph Public Elevator.							18	35	22		1	1
Terminal Elevator.								8			1	
St. Louis, Mo.:												
Burlington Elevator.	15	74	60	20	30	112	9	52	59	10	6	
Buss Mill.			1				2	61	16	6	8	3
Central Elevator B.	3	64	81	35	13	27	3	68	93	2	2	6
Exchange Elevator.		8	4					2	4			1
Mississippi Valley Elevator.	5	85	143	61	53	50	3	102	221	17	9	12
Mound City Elevator.	10	59	94	22	12	31		124	61	3	4	5
Rogers Elevator.	14	125	136	45	22	7	12	207	105	8	4	
St. Paul, Minn.:												
Equity Elevator.							28	46	40	29	8	13
Superior, Nebr.:												
Bossemeyer Bros.		1						3				
Elliott & Meyers.								1				
Superior, Wis.:												
Equity Grain Co.						1						
Tacoma, Wash.:												
Albers Bros. Milling Co.	2	1										
Balfour-Guthrie & Co.	16	42	23	8	1							
Francioli, P. J. & Co.	1	1	2									
Kenworthy, W. H. & Son.		1										
Keystone Cereal.	1		1									
London Dock.	43	33	15	4	2							
Milwaukee Grain Elevator.	65	88	46	22	29	3						
Northwestern Dock.	21	36	22	9	1	1						
Puget Sound Flouring Mills.	76	56	14	2								
Puyallup & Sumner Fruit Growers' Association.			1									
Sperry Flour Co.	157	131	36	13	6							
Stevens, J. B., & Co.	2	1	2									
Tacoma Feed Co.	93	87	209	8	4							
Terre Haute, Ind.:												
Cottrell Bros. Elevator.										1		
Sparks Milling Co.	1	36	94	24	7	7						
Vigo Elevator.		55	50	10	4	4		22				
Toledo, Ohio:												
Cincinnati, Hamilton & Dayton Elevator "B"	3	49	25	4	9	2		4	7	1	5	
East Side Iron Elevator (27).	4	49	27	9	7	19	4	53	18	5	5	12
Lake Erie Mill.					1	2						
Lake Shore Elevator "B" (28).	5	15	11	6	7	4	1	17	7			
National Milling Co., The.	163	358	229	162	72	52	39	7	7	2	7	1
North Western Elevator & Mill.	49	203	107	11	17	6						
Toledo Grain Milling Co.	14	68	32	2	2	8		1				
Topeka, Kans.:												
Ismert Hincke.	76	129	41	4	7	3						
Kaw Mill Co.	50	105	31	2	3	1						
Norton Milling Co.	25	67	19	4	1							
Page Mill Co.	26	46	16		2							
Topeka Mill Co.	41	90	60	5	1	1						
Troy, Ohio:												
Allen & Wheeler Co. Mill & Elevator, The.	4	13	33	1	16	2						
Waseca, Minn.:												
Eaco Mill.	18	14	2	4	1	11						

<sup>1</sup>See notes on p. 82.

Table compiled from reports of licensed inspectors showing the number of cars of wheat and the grade thereof, etc.—Continued.

Market and elevator. <sup>1</sup>	Receipts in terms of carloads, July 1, 1917, to Oct. 31, 1917.						Shipments in terms of carloads, July 1, 1917, to Oct. 31, 1917.					
	Grade of wheat.						Grade of wheat.					
	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.	No. 1.	No. 2.	No. 3.	No. 4.	No. 5.	Sam- ple.
Wellington, Kans.:												
Border Queen Milling Co.....	1	2		1								
Caldwell Milling Co. (29).....		4										
Hunter Milling Co. (30).....	14	91	34	8	2	3						
Larabee Flour Mills Corporation (31).....	16	93	21	3	2		9	28	1			
Wellington Milling & Elevator Co. (32).....	8	44	7	1								
Wichita, Kans.:												
Kansas Milling Co. Elevator.....							5	41	2			
Larabee Elevator.....												1
Otto Weiss Elevator (33).....							2	3				
Red Star Mill Elevator "A".....								2		1		
Red Star Mill Elevator "B".....								3	7			
Wallingford Elevator.....								5	1	1		
West Side Mill.....	1								1			1
Wichita Falls, Tex.:												
Hunt Grain Co.....	1	12	3		1							
Wichita Mill & Elevator Co.....	2	105	24	12	2	2						
Winchester, Ind.:												
Goodrich Bros.' Elevator.....		25	24	2	1			30	9			
Winfield, Kans.:												
Adams, D. C. Grain Co.....								2	1			
Alexander Milling Co (34).....	3	7	3		1	1		5	11			
Winfield Flour Mill Co.....	30	102	21	4	2							
Winona, Minn.:												
Elevator "A".....	100	114	37	5	1	2						

<sup>1</sup> The figures in parentheses following the names of elevators show the total number of cars, including all classes and subclasses of wheat, received and shipped from the elevators indicated.

- (1) Wheat received on sample or type, 11,546 bushels.
- (2) Wheat received on sample or type, 5,320 bushels; shipped, 28,037 bushels.
- (3) Wheat received on sample or type, 2,533 bushels; shipped, 14,414 bushels.
- (4) Wheat received on sample or type, 12,768 bushels; shipped, 12,768 bushels.
- (5) Wheat received on sample or type, 249,731 bushels; shipped, 371,529 bushels.
- (6) Wheat received on sample or type, 157,246 bushels; shipped, 157,150 bushels.
- (7) Wheat received on sample or type, 195,506 bushels; shipped, 220,116 bushels.
- (8) Wheat received on sample or type, 35,083 bushels; shipped, 27,093 bushels.
- (9) Wheat received on sample or type, 72,449 bushels; shipped, 100,563 bushels.
- (10) Wheat shipped on sample or type, 684 bushels.
- (11) Wheat received on sample or type, 12,380 bushels; shipped, 2,529 bushels.
- (12) Wheat received on sample or type, 5,913 bushels; shipped, 49,566 bushels.
- (13) Wheat shipped on sample or type, 4,660 bushels.
- (14) Wheat received on sample or type, 30,670 bushels; shipped, 271 bushels.
- (15) Wheat received on sample or type, 257,087 bushels.
- (16) Wheat received on sample or type, 81,061 bushels.
- (17) Wheat received on sample or type, 59,550 bushels; shipped, 29,608 bushels.
- (18) Wheat received on sample or type, 50,547 bushels.
- (19) Wheat shipped on sample or type, 1,200 bushels.
- (20) Wheat shipped on sample or type, 1,200 bushels.
- (21) Wheat received on sample or type, 561 bushels; shipped, 308 bushels.
- (22) Wheat shipped on sample or type, 4,853 bushels.
- (23) Wheat shipped on sample or type, 2,000 bushels.
- (24) Wheat received on sample or type, 340,167 bushels; shipped, 340,167 bushels.
- (25) Wheat received on sample or type, 57,000 bushels; shipped, 57,000 bushels.
- (26) Wheat received on sample or type, 920,878 bushels; shipped, 555,585 bushels.
- (27) Wheat shipped on sample or type, 24,500 bushels.
- (28) Wheat shipped on sample or type, 18,125 bushels.
- (29) Wheat received on sample or type, 65,934 bushels; shipped, 10,000 bushels.
- (30) Wheat received on sample or type, 222,748 bushels; shipped, 1,290 bushels.
- (31) Wheat received on sample or type, 162,990 bushels.
- (32) Wheat received on sample or type, 40,298 bushels.
- (33) Wheat received on sample or type, 40,664 bushels; shipped, 29,054 bushels.
- (34) Wheat received on sample or type, 48,301 bushels; shipped, 32,814 bushels.







## U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF MARKETS.

CHARLES J. BRAND, CHIEF.



## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 38.<sup>1</sup>

This Announcement contains a list of all persons licensed by the Secretary of Agriculture, under the provisions of the United States Grain Standards Act, to inspect and grade shelled corn and wheat, together with a list of all places designated as inspection points, and supersedes Service and Regulatory Announcements No. 31.

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TABLE 1.—*Alphabetical list of inspectors who held licenses on August 31, 1918, which were issued by the Secretary of Agriculture, to inspect and grade shelled corn and wheat, or either shelled corn or wheat, and to certificate the grade thereof.*

Name.	Address.	District No.	License No.
Aabel, Hans.....	236 Atlas Building, 3S West Second Street South, Salt Lake City, Utah.	32	657
Addison, Alex.....	Elevator Office, Main and Kiowa Streets, Leavenworth, Kans.	24	355
Alleman, Russell F.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	595
Anderson, Alfred.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	382
Andrews, David R.....	136 Second Street, Superior, Nebr.	19	562
Arrance, Augustus.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	347
†Asbury, Herndon M.....	Seattle, Wash.	34	680
**Atkinson, Alfred.....	204 Agricultural Building, 401 South Grand Avenue, Bozeman, Mont.	33	687

\*\*License for wheat only.

†License suspended at request of licensee.

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are: Nos. 11-15, 17 to 19, 22 to 26, 29, 31 to 37.



TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Auerbach, Charles F.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	567
Bailey, Oliver Edwin.....	Room 6, Bell Telephone Building, 905½ Main Street, Winfield, Kans.	30	714
Ball, J. Edgar.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	544
Baxter, Samuel E.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	402
Beckenhaupt, John C.....	do.....	21	524
Benedict, Orville W.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	373
Bennett, George Grant.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	631
Bensing, August William...	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	405
Berry, Benjamin S.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	364
*Berry, Robert V.....	Office Owensboro Grain Co., Elevator Building, First and Lewis Streets, Owensboro, Ky.	10	703
Betton, Ernest L.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	472
†Binkley, Wendell H.....	Nashville, Tenn.....	9	334
Bittrick, George L.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	546
Bjorge, Hans P.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	389
Bogard, Benjamin F.....	223½ New England Building, Fifth Street and Kansas Avenue, Topeka, Kans.	24	381
Boger, John W.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	675
†Bohnet, Fred Albert.....	Baltimore, Md.....	6	698
Bollum, John Ingeman.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	721
†Bonds, Jacob R.....	Norfolk, Va.....	6	272
*Booker, Yelverton Evans..	Third floor Columbian Building, Thirteenth and Carey Streets, Richmond, Va.	6	296
Boyce, Arthur.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	342
Bradbury, Frank W.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	474
Breed, Allen A.....	201 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	361
Brown, Baldwin.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	506
†Brown, Thomas J.....	St. Paul, Minn.....	18	634
Brundage, Homer J.....	2105 Second National Bank Building, Toledo, Ohio.....	13	552
Bunker, Henry Chase.....	1035 Merchants Exchange Building, 465 California Street, San Francisco, Cal.	36	495
Burke, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	428
†Burke, Thomas J.....	Chicago, Ill.....	20	620
Butler, Richard W.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	479
Caley, Harry.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	615
Callahan, A. K.....	Room 5, Peerless Drug Store Building, 126½ North Independent Street, Enid, Okla.	29	668
Callahan, John Thomas.....	13 Nessmith Building, 118 West Iron Street, Salina, Kans....	24	719
Carlson, Magnus T.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	508
Carr, Frank C.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	448
Cassidy, George J.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	421
Caswell, William R.....	Inspection Office, Listman Mills, Front and King Streets, LaCrosse, Wis.	18	497
Catlin, Seth.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	365
Cavanagh, John M.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	538
Chess, John P.....	Laboratory, Bowersock Mills & Power Co., 546 Massachusetts Street, Lawrence, Kans.	24	366
Christiansen, Arthur C.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	693
Church, James Wheeler.....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	732
*Clancy, John Emmett.....	Board of Trade, Hastings Building, 915 Ohio Street, Cairo, Ill.	23	683
†Clark, Harry Robert.....	Omaha, Nebr.....	19	321
Clark, J. Martin.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	482

\* License for shelled corn only.

† License suspended at request of licensee.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Clark, John W.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	734
Clark, Willard B.....	14 Stewart Building, 202 South Washington Street, Wellington, Kans.	30	466
*Clawson, Charles.....	Cleveland Grain Co., Fourth Street, Sheldon, Ill.	20	244
Cleary, Richard J.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	638
Clifford, Thomas E.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	696
†Cofer, Wesley Randolph.....	Newport News, Va.	6	547
†Coffman, Orville W.....	Portland, Oreg.	35	643
Colby, George Samuel.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	437
†Collins, George A.....	Marshall, Minn.	18	652
Connelly, Charlie M.....	18 Nessmith Building, 118 West Iron Street, Salina, Kans.	24	392
†Connelly, Milton E.....	Chicago, Ill.	20	664
Connors, Patrick D.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	387
Cooke, Robert Otto.....	Board of Trade Building, 428 Commercial Street, Atchison, Kans.	24	429
Coombes, John B.....	313 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	406
Cooper, Charles T.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	639
Cooper, Charles W.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	344
Corson, Asa Cole.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	684
Costello, Edward J.....	517 Webster Building, 327 South LaSalle Street, Chicago, Ill.	20	417
Croke, Frank.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	423
Crowe, Luke D.....	500 Columbian Building, 105 Howard Street, Spokane, Wash.	33	520
*Culp, Charles.....	719 Wabash Building, Liberty Avenue, Pittsburgh, Pa.	5	271
Culp, Mather C.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	476
Culver, Edward B.....	2105 Second National Bank Building, Toledo, Ohio.	13	345
Culver, Edward Hall.....	do.	13	343
Cunningham, James.....	305 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	514
Cunningham, John J., No. 2.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	699
Cunningham, Patrick R.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	681
Dahlquist, Harry Arthur.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	611
Dalrymple, Oliver C.....	do.	18	623
*Daniel, Dan.....	3-4 Skillern Building, Second and Scott Streets, Little Rock, Ark.	25	146
†Daus, Ray C.....	Indianapolis, Ind.	12	614
*Davis, Walter R.....	Room 10, Trust Company of Georgia Building, Atlanta, Ga.	8	326
*De Fraites, Arthur E.....	Grain Inspection Department, Board of Trade Building, New Orleans, La.	26	232
†Deussing, Berthold, jr.....	Kansas City, Mo.	24	694
Diehl, Peter A.....	735 O Street, Lincoln, Neb.	19	622
Di Marco, Fred B.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	501
Dorsey, Lloyd.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	371
Downing, Alexander.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	487
Downing, Joseph A.....	do.	3	548
*Drysdale, David L.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	17
Dulley, Andrew J.....	First floor Gwynne Building, Sixth and Main Streets, Cincinnati, Ohio.	11	553
Dunmire, Albert A.....	415 Sedgwick Building, Market and First Streets, Wichita, Kans.	30	386
Dunn, Pines Ragsdale.....	1401 Corby-Forsce Building, Fifth and Felix Streets, St. Joseph, Mo.	24	470
†Duvall, Neville W., jr.....	Louisville, Ky.	10	404
Earl, Clifford P.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	502

\* License for shelled corn only.

† License suspended at request of licensee.

TABLE 1.—*List of inspectors, etc.*—Continued.

Name.	Address.	District No.	License No.
Edmiston, John D.....	126 Merchants' Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	672
Edwards, Hugh J.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	504
Elde, Mads M.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	727
Einhart, Harry D.....	2105 Second National Bank Building, Toledo, Ohio.....	13	397
†Ekman, Carl Edwin.....	Omaha, Nebr.....	19	569
*Elam, Herman Palis.....	Henderson, Ky.....	10	573
Elder, Charles A.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	535
*Elinger, Elias Henry.....	Standard Elevator, Indiana Harbor Tracks, Hammond, Ind.	20	322
†Elliott, John O.....	St. Louis, Mo.....	22	449
Engelhorn, William Louis..	Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	626
Enos, Marcus T.....	Enos Building, 531 State Street, New Albany, Ind.....	10	542
Erickson, Emil.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	607
Erskine, John R.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	571
Ettelson, John.....	do.....	20	646
Evenson, Arthur F.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	360
Fears, Magruder C.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	483
†Fears, Samuel P.....	Kansas City, Mo.....	24	492
Fegan, Robert G.....	Schneider, Ind.....	20	735
†Fisher, John E.....	Seattle, Wash.....	34	677
Foering, John Oppell.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	485
Forrestal, James.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	539
Forrestal, Robert M.....	do.....	16	593
Foss, Ludvig.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	608
Foster, Herbert D.....	601 Chamber of Commerce Building, State and Griswold Streets, Detroit, Mich.	15	555
Fowle, William Hess.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	733
Fox, Herbert.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	348
Freeman, William T.....	Office Building, 1525 Maple Avenue, Terre Haute, Ind....	12	568
French, Luther E.....	214 Iowa State Bank Building, Third and Jefferson Streets, Burlington, Iowa.	21	666
Gardner, Alexander Blair..	Room 1, 822 Florida Street, Memphis, Tenn.....	25	353
Gardner, Edwin R.....	do.....	25	399
Garnett, Arthur L.....	First floor, Gwynne Building, Sixth and Main Streets, Cincinnati, Ohio.	11	452
Garnett, Howard C.....	do.....	11	441
Gates, J. Nelson.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	369
†Gebhard, Frank.....	Milwaukee, Wis.....	16	525
Geehan, Jerry Joseph.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	519
Getzien, Charles.....	Office, Armour Elevator A and B, Hooker and Rees Streets, Chicago, Ill.	20	419
Gibbs, Richard.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	589
Gilmartin, James J.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	444
Gimpel, John C.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	372
Gliss, William F.....	do.....	6	543
Gordon, Arnolphus R.....	Mill Office, 116 Seventh Avenue North, St. Cloud, Minn...	18	603
†Gray, Frank R.....	Mankato, Minn.....	18	659
Gray, Russell W.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	503
Green, Joseph G., Jr.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	424
Greer, Benjamin Oty.....	401 Commercial Club Building, 311 Fourth Avenue North, Nashville, Tenn.	9	454
Grendahl, Olaf.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	637
Grimes, John George.....	1 Fruit Auction Building, 615 Stones Levee, Cleveland, Ohio.	14	540
Grischy, John.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	376

\*License for shelled corn only.

†License suspended at request of licensee.



TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Grubb, Orin A.....	Room 9, Old Post Office Building, Eighth Street and Ohio Avenue, Wichita Falls, Tex.	28	528
†Guinane, Edward J.....	Burlington, Iowa.....	21	559
Gustafson, Frank A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	621
Hagler, Lewis.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	509
†Hall, Warren B.....	Toledo, Ohio.....	13	585
Hallam, James A.....	506 West High Street, Lawrenceburg, Ind.....	11	647
†Hamp, Charles H.....	St. Paul, Minn.....	18	606
†Hanson, Francis Louis.....	Duluth, Minn.....	17	604
Haugen, Magnus B.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	619
Hawn, Arthur E.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	468
Healy, John J.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	610
Heathfield, Thomas.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	363
Helman, L. H.....	Office, The Mansfield Elevator Co., North Main Street and Pennsylvania Railroad, Mansfield, Ohio.	14	644
Helms, Thomas A.....	Basement, Goodrich Bros. Elevator, North Main Street, Winchester, Ind.	12	586
Helwick, Joseph Leonard.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	435
Hemken, John E.....	1 Fruit Auction Building, 615 Stones Levee, Cleveland, Ohio	14	484
Herrington, George W.....	Galveston, Tex.....	27	713
Hillis, John.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	393
Hine, Lewis C.....	809 Cooper Building, 1009 Seventeenth Street, Denver, Colo.	31	583
Holder, Samuel A.....	720 Board of Trade Building, Meridian and Ohio Streets, Indianapolis, Ind.	12	388
†Hopwood, Howard H.....	Pittsburgh, Pa.....	5	430
Houssal, Miles B.....	Room 1, 822 Florida Street, Memphis, Tenn.....	25	537
†Hull, Irving T.....	Baltimore, Md.....	6	545
Hunt, William A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	649
Hutchinson, Harris W.....	619 Rorabaugh-Wiley Building, Hutchinson, Kans.....	30	355
Hyman, Frank V.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	676
Ingersoll, John F.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	391
Irgens, Ingolf W.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	648
Irving, Lee Daily.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	497
Jahn, Robert A.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	623
*Jahnke, Emil W.....	Room 1, Grain Inspection Laboratory, Montana Agricultural Experiment Station, Bozeman, Mont.	33	688
†Jamieson, William Cyril.....	Baltimore, Md.....	6	143
*Jenkins, Charles F.....	Paducah, Ky.....	23	682
Jerde, Mons E.....	300 Grain Exchange Building, Fourth and Robert Streets, St. Paul, Minn.	18	722
Joerger, Emil J.....	800 Cooper Building, 1009 Seventeenth Street, Denver, Colo.	31	395
Johnson, Arvid D.....	820 Omaha Grain Exchange Building, Nineteenth and Harvey Streets, Omaha, Nebr.	19	612
Johnson, Edward.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	496
Johnson, Edward G.....	do.....	18	636
Johnson, Jalmer O.....	do.....	18	575
Johnson, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	413
Johnson, Ole C.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	565
Jones, Albert Vern.....	415 Sedgwick Building, Market and First Streets, Wichita, Kans.	30	716
Jordan, M. I.....	613 Grain Exchange Building, Grand and Harvey Streets, Oklahoma City, Okla.	29	669
†Kammerer, Phil. C.....	Milwaukee, Wis.....	16	534
*Katz, Nahum E.....	310 Cochran Building, Twenty-third Avenue, Meridian, Miss.	26	701
Keefe, John.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	439
Keiser, Peter.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	438
*Kendrick, Marion Jackson.....	214 Chamber of Commerce Building, Nineteenth Street and First Avenue, Birmingham, Ala.	8	709
Kennedy, Edwin F.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	551

\* License for shelled corn only. \*\* License for wheat only. † License suspended at request of licensee.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	Dist- trict No.	Li- cense No.
Kernan, Eugene E.....	312 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	409
Kernan, James E.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	457
Kerner, Jacob V.....	14 Cotton Exchange Building, 2102 Avenue C, Galveston, Tex.	27	530
Klingen, John E.....	Office Hormel Mill, Austin, Minn.....	18	723
Kneeland, Guy B.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	678
†Kolb, Charles W.....	Philadelphia, Pa.....	3	550
†Kraus, John Emil.....	Buffalo, N. Y.....	4	440
Lacher, Arthur J.....	Inspection office, Laboratory Everett-Aughenbaugh Mill Co., Waseca, Minn.	18	660
Lacy, Roscoe Herschel.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	708
Ladd, Edwin Fremont.....	Room 24, Chemistry Building, Agricultural College, Fargo, N. Dak.	18	632
Lambe, William J.....	Allin Building, 1218 South Maple Street, Coffeyville, Kans.	30	454
Larkin, David H.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	363
Larson, Ole A.....	Office Marshall Milling Co., 112 West Sixth Street, Mar- shall, Minn.	18	513
Larson, Paul N.....	638 Grain Exchange Building, Seventh and Pierce Streets, Sioux City, Iowa.	19	587
La Shelle, Daniel G.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	674
Laux, Philip.....	126 Merchants' Exchange Building Third and Chestnut Streets, St. Louis, Mo.	7	77
Le Moignan, Joseph.....	727 Board of Trade Building, 303 West First Street, Du- luth, Minn.	17	499
Lenock, Joseph Jerome.....	163 South Ninth Street, Noblesville, Ind.....	12	415
LeSuer, Ralph V.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	581
†Lias, Charles F.....	Elmhurst, Ill.....	16	654
Littler, I. R.....	Office Updike Grain Co., Ninth Street, Missouri Valley, Iowa.	19	605
†Loefke, Herman.....	Buffalo, N. Y.....	4	335
Lorimer, John M.....	Calumet Elevator Office, One hundred and second Street and Calumet River, Chicago, Ill.	20	426
Lundquist, Martin.....	109 South Valley Street, New Ulm, Minn.....	18	724
Lynn, John.....	537 Bourse Building, Fifth and Ludlow Streets, Philadel- phia, Pa.	3	438
Lynn, William F.....	do.....	3	549
Lyons, William Merton.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	379
*Mallaney, J. F.....	Bartlett Frazier Co. Building, entrance Avenue, Kan- kakee, Ill.	20	270
†Martin, Robert H.....	Sioux City, Iowa.....	19	305
Matland, John N.....	205 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	574
Matthews, F. A.....	Office Scott County Milling Co., Sikeston, Mo.....	23	636
Maxfield, Charles F.....	300 Grain Exchange Building, Fourth and Robert Streets, St. Paul, Minn.	13	498
McAyeal, Roy A.....	723 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	665
†McCarthy, Eugene, jr.....	Chicago, Ill.....	20	311
McCarthy, Luke J.....	South Bend Elevator Co. Building, Sample and Walnut Streets, South Bend, Ind.	20	554
*McCrea, John C.....	Office Clinton Sugar Refining Co., Clinton, Iowa.....	20	695
McCreadie, Robert.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	705
McDermott, John T.....	Irondale Elevator, One hundred and seventh Street and Muskegon Avenue, Chicago, Ill.	20	418
McEachron, Daniel R.....	302 Association of Commerce Building, 35-37 Pearl Street, Grand Rapids, Mich.	15	692
McGovern, James A.....	Mill Building, Agricultural College, Fargo, N. Dak.....	18	629
McGowan, Ross James.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	553
McKinnon, Edward.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	456
McKinstrie, Robert M.....	Office Allen & Wheeler Milling Co., Market Square, Troy, Ohio.	11	641
McKnight, Joseph Ray.....	318 Merchants & Planters Bank Building, 202 North Travis Street, Sherman, Tex.	23	374
McLaughlin, Frank.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	613

\*License for shelled corn only.

†License suspended at request of licensee.

‡License suspended by order of the Secretary of Agriculture.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
McMillan, Archibald.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	410
McNamara, John E.....	300 Grain Exchange Building, Fourth and Robert Streets, St. Paul, Minn.	18	577
McNamee, Royal M.....	2106 Second National Bank Building, Toledo, Ohio.....	13	725
McVeigh, Patherick H.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	473
Meagher, Thomas Francis..	142 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	729
Meehan, Harvey C.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	523
Metz, Adam H.....	14 Cotton Exchange Building, 2102 Avenue C, Galveston, Tex.	27	711
*Miller, Walter D.....	32 Chamber of Commerce Building, 330 South Washington Street, Peoria, Ill.	21	13
Milligan, Theodore Watson.	829 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	394
Miner, John A.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	697
Miner, Thomas M.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	370
Mitchell, Fred W.....	Commercial Club Room, Masonic Temple Building, 113 East Fifth Street, Fremont, Nebr.	19	570
†Moorman, Herbert T.....	New York, N. Y.	2	709
Moran, Edward E.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	427
Morris, George Courson.....	Pittsburgh, Pa.	5	691
Mossberg, Samuel H.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	616
Munson, George Francis....	First floor, Gwynne Building, Sixth and Main Streets, Cincinnati, Ohio.	11	425
Nelson, Louis M.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	510
Noble, James A.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	566
Noel, Joe S.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	731
Nolan, William.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	662
Nye, Ray J.....	311 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	455
O'Conner, Otis E.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	478
Ogren, Clarence C.....	619 Rorabaugh-Wiley Building, Hutchinson, Kans.....	30	717
O'Hara, John.....	First floor, Gwynne Building, Sixth and Main Streets, Cincinnati, Ohio.	11	560
Oliver, Harry E.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	590
Oppelt, Frank K.....	Office, second floor, elevator E, Sleepy Eye, Minn.....	18	658
Owens, John.....	712 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	390
Page, Edwin H.....	312 Board of Trade Building, 1505 Tower Avenue, Superior, Wis.	17	411
Parish, Charles E.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	576
Pense, Charles M.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	357
Peterson, Peter K.....	505 Alaska Building, Second Avenue and Cherry Street, Seattle, Wash.	34	679
Petty, John William.....	21 Board of Trade Building, 301 West Main Street, Louisville, Ky.	10	400
*Pitman, Joseph E.....	Inspection room, Dewley Building, 212 West Seventh Street, Fort Worth, Tex.	23	712
†Poisel, Charles O.....	Indianapolis, Ind.	12	338
Porter, Charles E.....	733 Courthouse, Fourth and Salmon Streets, Portland, Oreg.	35	531
Powell, George Bertram....	826 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	459
Powell, William Smith.....	Hastings Building, Board of Trade, 915 Ohio Street, Cairo, Ill.	23	592
Raichart, Edward.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	412
Raker, Charles Frederick...	Philadelphia, Pa.	3	565
Ramsey, George W., jr.....	Room 7, Hubbard Building, Cedar Rapids, Iowa.....	20	663
Rasmussen, Rasmus J.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	598
Ratza, John F.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	673

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†License suspended at request of licensee.



TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Reavis, Frank.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	477
Recker, William W.....	601 Chamber of Commerce Building, State and Griswold Streets, Detroit, Mich.	15	375
Rehnke, E. R.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	358
†Remington, Floyd R.....	Peoria, Ill.	21	609
Rice, J. Walter.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	527
Richards, William Thomas.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	670
Riley, Eugene L.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	491
*Ring, Harold J.....	Room D, Chamber of Commerce Building, 177 Milk Street, Boston, Mass.	1	710
Risser, Harry E.....	707 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	416
†Roberts, Clarence.....	Abilene, Kans.	24	461
Roberts, John Thomas.....	401 Commercial Club Building, 311 Fourth Avenue North, Nashville, Tenn.	9	442
Robinson, Clarence W.....	Inspection Room, Bewley Building, 212 West Seventh Street, Fort Worth, Tex.	28	561
Robinson, James Edwin.....	Grain and Cotton Exchange, Bewley Building, 212 West Seventh Street, Fort Worth, Tex.	28	432
Ross, George B.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	609
Rowe, Van Rensselaer.....	4 Merchants Elevator Building, 1802 Rockingham Road, Davenport, Iowa.	21	401
Ruger, Edward I.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	526
Ryan, David Joseph.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	536
†Sartison, Franz.....	St. Louis, Mo.	22	467
Scanlan, J. Paul.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	556
Scanlon, William J.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	720
Schall, William.....	Sample Room, South Chicago Elevator Office Building, Ninety-third Street and Harbor Avenue, Chicago, Ill.	20	420
Schmidt, Walter E.....	719 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	532
Schreiber, Herman J.....	Second floor, Board of Trade Building, Fifth and Commercial Streets, Atchison, Kans.	24	380
†Scott, Harry E.....	Sioux City, Iowa.	19	655
Seinsoth, Henry Jacob.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	350
Selvig, Victor H.....	Hubbard Milling Co. Building, 308 North Front Street, Mankato, Minn.	18	597
Server, Clarence E.....	Office, Henderson Elevator Co., East Second Street, Henderson, Ky.	10	726
†Shanahan, Michael.....	Cairo, Ill.	23	39
Shanahan, Paul S.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	383
Shannon, Alexander Reid..	511 Commerce Building, High and Spring Streets, Columbus, Ohio.	11	451
Shelley, Clarence W.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	635
Shepard, Celsus.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	480
Sherman, Darwin D.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	512
†Shull, Charles W.....	Kansas City, Mo.	24	627
*Silbernagel, William H.....	200 West Main Street, Louisville, Ky.	10	259
Silcox, Chester.....	559 I. W. Hellman Building, 411 South Main Street, Los Angeles, Cal.	36	493
Sims, John.....	314 Lincoln Avenue, Clay Center, Kans.	24	642
*Slaughter, Irving Ray.....	21 Board of Trade Building, Third and Main Streets, Louisville, Ky.	10	37
Slingerland, Alfred.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	624
Slingerland, Alfred G.....	do.	2	341
Smith, Alton C.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	591
Smith, James Edward.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	349
Smith, Samuel H.....	719 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	650

\*License for shelled corn only.

†License suspended at request of licensee.

TABLE 1.—List of inspectors, etc.—Continued.

Name.	Address.	District No.	License No.
Spera, William A.....	2105 Second National Bank Building, Toledo, Ohio.....	13	396
Spotz, Frank J.....	Irondale Elevator A, One hundred and seventh Street and Muskegon Avenue, Chicago, Ill.	20	463
Stanley, Ward E.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	715
Stevens, Thomas A.....	500 Columbian Building, 105 Howard Street, Spokane, Wash.	33	599
Stratton, Albert Franklin.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	490
Sullivan, James Joseph.....	1035 Merchants' Exchange, 465 California Street, San Francisco, Cal.	36	689
Sullivan, John F.....	Office, Sparks Milling Co., Broadway and Williams Street, Alton, Ill.	22	356
Swanstrom, Charles W.....	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	500
Sweeney, Frank Joseph.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	352
Sweeney, Patrick J.....	603 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	601
Sweeney, Thomas F.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	602
Taylor, Jacob L.....	Room 2, Vanderburgh County Courthouse, Fourth Street, Evansville, Ind.	10	563
Terveen, George.....	717 Insurance Exchange Building, 175 West Jackson Boulevard, Chicago, Ill.	20	706
Thomas, Sam D.....	400 Chamber of Commerce Building, Post Office Avenue and Water Street, Baltimore, Md.	6	367
Thompson, Robert P.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	468
Tilton, James A.....	820 Omaha Grain Exchange Building, Nineteenth and Harney Streets, Omaha, Nebr.	19	460
Tolson, Reginald B.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	661
Tompkins, Frank B.....	32 Chamber of Commerce Building, 330 South Washington, Street, Peoria, Ill.	21	494
Ton, Philip J.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	515
Towner, Harry Earle.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	730
Townsend, Samuel H.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	640
Tracy, John J.....	140 Merchants Exchange Building, 314 Pine Street, St. Louis, Mo.	22	446
†Traey, Walter J.....	Chicago, Ill.	20	443
Tunell, George H.....	300 Grain Exchange Building, Fourth and Robert Streets, St. Paul, Minn.	18	589
Tuthill, Horace A.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	579
Ulling, Joseph J.....	do.	18	728
Vert, Philip.....	587 Bourse Building, Fifth and Ludlow Streets, Philadelphia, Pa.	3	488
Voegelé, Charles.....	First floor, Gwynne Building, Sixth and Main Streets, Cincinnati, Ohio.	11	489
†Waddick, Richard L.....	Minneapolis, Minn.	18	617
*Wallace, Roy J.....	Room 1, Grain Exchange Building, 411 West Eureka Street, Champaign, Ill.	21	718
Ward, Charles J.....	605 Tacoma Building, Eleventh and A Streets, Tacoma, Wash.	34	516
Ware, Albert R.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	685
Wasser, Joseph C.....	Glover Building, 227 West Eighth Street, Kansas City, Mo.	24	334
*Weiss, Godfrey.....	826 Chamber of Commerce Building, 240 Main Street, Buffalo, N. Y.	4	336
Wetzel, Frederick T.....	Office, Santa Fe Elevator, Twenty-seventh and Robey Streets, Chicago, Ill.	20	462
Wheeler, James Birdet.....	1401 Corby-Forsee Building, Fifth and Felix Streets, St. Joseph, Mo.	24	471
Wheeler, Walter.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	354
White, George H. K.....	do.	2	349
White, William.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	663
Whitta, Herbert William.....	265 Findlay Street, Fostoria, Ohio.	13	667
Wickstrom, Hilding A.....	14 Cotton Exchange, 2102 Avenue C, Galveston, Tex.	27	458
Widicus, Arnold J.....	126 Merchants Exchange Building, Third and Chestnut Streets, St. Louis, Mo.	22	373

\*License for shelled corn only.

†License suspended at request of licensee.

TABLE 1.—*List of inspectors, etc.—Continued.*

Name.	Address.	District No.	License No.
Wilkie, John Matthew.....	Grain Inspection Department, Board of Trade Building, 320 Magazine Street, New Orleans, La.	26	434
Williams, Charles M.....	3 Board of Trade Building, Eighth and Wyandotte Streets, Kansas City, Mo.	24	475
*Williams, John K.....	Chamber of Commerce Building, 205 Main Street, Jacksonville, Fla.	8	186
Williams, Ray.....	Elevator Building, Inspector's Office, New Prague, Minn.	18	507
Windram, George.....	Grain Inspection Department, Produce Exchange Building, 1 Whitehall Street, New York, N. Y.	2	351
Winn, John Oliver.....	1402 Corby-Forsee Building, Fifth and Felix Streets, St. Joseph, Mo.	24	433
Wishmire, Christopher.....	720 Board of Trade Building, Meridian and Ohio Streets, Indianapolis, Ind.	12	453
Wishmire, Thomas.....	do.	12	533
Wollard, Christopher A.....	A. M. Ward Building, 303 West Third Street, Abilene, Kans.	24	594
Wright, Andrew J.....	Office, Elevator A, Winona, Minn.	18	588
Young, Walter B.....	206 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	645
Youngren, Edward Ernest..	727 Board of Trade Building, 303 West First Street, Duluth, Minn.	17	628
Zarwell, Edward E.....	200 Chamber of Commerce Building, 95 Michigan Street, Milwaukee, Wis.	16	564
Ziesemer, Rufus.....	304 Flour Exchange Building, Third Street and Fourth Avenue South, Minneapolis, Minn.	18	359

\*License for shelled corn only.

TABLE 2.—*Address of Office of Federal Grain Supervision, name and license number of each licensed inspector, and point or points (county or town) where he will perform inspection services, in each district, on August 31, 1918.*

## District No. 1.

[Office of Federal Grain Supervision, 1140 Oliver Building, 141 Milk Street, Boston, Mass.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Berry, Benjamin S.....	Boston, Mass.....	354
Catlin, Seth.....	do.....	365
Green, Joseph G., jr.....	do.....	424
Heathfield, Thomas.....	do.....	383
*Ring, Harold J.....	do.....	710

## District No. 2.

[Office of Federal Grain Supervision, 1607 Lords Court, 27 William Street, New York, N. Y.]

## LICENSED INSPECTORS.

Arrance, Augustus.....	Harbor of New York, Queens, Kings, Richmond Counties, N. Y.; Hudson County, N. J.	347
Boyle, Arthur.....	do.....	342
Cavanagh, John M.....	do.....	538
Cooper, Charles W.....	do.....	344
Cunningham, John J., No. 2.....	do.....	699
Elder, Charles A.....	do.....	535
†Mcorman, Herbert T.....	do.....	709
Ryan, David J.....	do.....	536
Seinsoth, Henry J.....	do.....	350
Slingerland, Alfred.....	do.....	624
Slingerland, Alfred G.....	do.....	341
Smith, James E.....	do.....	349
Sweeney, Frank J.....	do.....	352
Wheeler, Walter.....	do.....	354
White, George H., K.....	do.....	340
Windram, George.....	do.....	351

\* License for shelled corn only.

† License suspended at request of licensee.



TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 3.

[Office of Federal Grain Supervision, 578 Bourse Building, Philadelphia, Pa.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Cleary, Richard J.....	Philadelphia, Pa.....	638
Cooper, Charles T.....	do.....	639
Downing, Alexander.....	do.....	487
Downing, Joseph A.....	do.....	548
Foering, John O.....	do.....	485
Kennedy, Edwin F.....	do.....	551
†Kolb, Charles W.....	do.....	550
Lynn, John.....	do.....	486
Lynn, William F.....	do.....	549
Raker, Charles F.....	do.....	565
Townsend, Samuel H.....	do.....	640
Vert, Philip.....	do.....	488

## District No. 4.

[Office of Federal Grain Supervision, 98 Dun Building, Buffalo, N. Y.]

## LICENSED INSPECTORS.

Anderson, Alfred.....	Buffalo, N. Y.....	382
Auerbach, Charles F.....	do.....	567
Connors, Patrick D.....	do.....	387
†Kraus, John E.....	do.....	440
*Loefke, Herman.....	do.....	335
Riley, Eugene L.....	do.....	491
Shanahan, Paul S.....	do.....	383
Stratton, Albert F.....	do.....	490
*Weiss, Godfrey.....	do.....	336

## District No. 5.

[Office of Federal Grain Supervision, 613-615 Wabash Building, Pittsburgh, Pa.]

## LICENSED INSPECTORS.

*Culp, Charles.....	Pittsburgh, Pa.....	271
†Hopwood, Howard H.....	do.....	430
Morris, George C.....	do.....	691

## District No. 6.

[Office of Federal Grain Supervision, 610 Keyser Building, Baltimore, Md.]

## LICENSED INSPECTORS.

Ball, J. Edgar.....	Baltimore, Md.....	544
Benedict, Orville W.....	do.....	373
Bittrick, George L.....	do.....	516
†Bohnet, Fred A.....	do.....	698
*Bonds, Jacob R.....	Norfolk and Portsmouth, Va.....	272
*Booker, Y. E.....	Richmond, Va.....	291
†Cofer, W. R.....	Newport News, Va.....	547
Dorsey, Lloyd.....	Baltimore, Md.....	371
Gates, J. Nelson.....	do.....	369
Gimpel, John C.....	do.....	372
Gliss, William F.....	do.....	543
†Hull, Irving T.....	do.....	545
*Jamieson, William C.....	do.....	143
Larkin, David H.....	do.....	368
Miner, John A.....	do.....	697
Miner, Thomas M.....	do.....	370
Thomas, Sam. D.....	do.....	367

\* License for shelled corn only.

† License suspended at request of licensee.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 8.

[Office of Federal Grain Supervision, 1710 Third National Bank Building, Atlanta, Ga.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
*Davis, Walter R.....	Atlanta, Ga.....	326
*Kendrick, M. J.....	Birmingham, Ala.....	709
*Williams, John K.....	Jacksonville, Fla.....	186

## District No. 9.

[Office of Federal Grain Supervision, 807 Independent Life Building, Nashville, Tenn.]

## LICENSED INSPECTORS.

†*Binkley, W. H.....	Nashville, Tenn.....	334
Greer, B. O.....	do.....	454
Roberts, J. T.....	do.....	442

## District No. 10.

[Office of Federal Grain Supervision, 27 Board of Trade Building, Louisville, Ky.]

## LICENSED INSPECTORS.

Bensing, August W.....	Louisville, Ky.....	405
*Berry, Robert V.....	Owensboro, Ky.....	703
†Duvall, Neville W., jr.....	Louisville, Ky.....	404
†*Elam, Herman P.....	Henderson, Ky.....	573
Enos, Marcus T.....	New Albany, Ind.....	542
Irving, Lee D.....	Louisville, Ky.....	407
Petty, John W.....	do.....	400
Server, Clarence E.....	Henderson, Ky.....	726
*Silbernagel, William H.....	Louisville, Ky.....	259
*Slaughter, Irving R.....	do.....	37
Taylor, Jacob L.....	Evansville, Ind.....	563

## District No. 11.

[Office of Federal Grain Supervision, 210 Johnson Building, Cincinnati, Ohio.]

## LICENSED INSPECTORS.

Duddey, Andrew J.....	Cincinnati, Ohio.....	553
Garnett, Arthur L.....	do.....	452
Garnett, Howard C.....	do.....	441
Hallam, James A.....	Lawrenceburg, Ind.....	647
McKinstrie, R. M.....	Troy, Ohio.....	641
Munson, George F.....	Cincinnati, Ohio.....	425
O'Hara, John.....	do.....	560
Shannon, Alexander R.....	Columbus, Ohio.....	451
Voegele, Charles.....	Cincinnati, Ohio.....	489

## District No. 12.

[Office of Federal Grain Supervision, 827 Board of Trade Building, Indianapolis, Ind.]

## LICENSED INSPECTORS.

†Daus, Ray C.....	Indianapolis, Ind.....	614
Freeman, William T.....	Terre Haute, Ind.....	568
Helms, Thomas A.....	Winchester, Ind.....	586
Holder, Samuel A.....	Indianapolis, Ind.....	388
Lenock, Joseph J.....	Noblesville, Ind.....	415
†*Poisel, Charles O.....	Indianapolis, Ind.....	328
Wishmire, Christopher.....	do.....	453
Wishmire, Thomas.....	do.....	533

\* License for shelled corn only.

† License suspended at request of licensee.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 13.

[Office of Federal Grain Supervision, 2009 Second National Bank Building, Toledo, Ohio.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Brundage, Homer J.....	Toledo, Ohio.....	552
Culver, Edward B.....	.....do.....	345
Culver, Edward H.....	.....do.....	343
Einhardt, Harry D.....	.....do.....	387
†Hall, Warren B.....	.....do.....	585
McNamee, Royal M.....	.....do.....	725
Spera, William A.....	.....do.....	396
Whitta, H. W.....	Festoria, Ohio.....	667

## District No. 14.

[Office of Federal Grain Supervision, 709 Illuminating Building, Cleveland, Ohio.]

## LICENSED INSPECTORS.

Grimes, John G.....	Cleveland, Ohio.....	540
Hehman, L. H.....	Mansfield, Ohio.....	614
Heniken, John E.....	Cleveland, Ohio.....	484

## District No. 15.

[Office of Federal Grain Supervision, 605 Detroit Free Press Building, Detroit, Mich.]

## LICENSED INSPECTORS.

Foster, Herbert D.....	Detroit, Mich.....	555
McEachron, Daniel R.....	Grand Rapids, Mich.....	692
Recker, William W.....	Detroit, Mich.....	375

## District No. 16.

[Office of Federal Grain Supervision, 513 Wells Building, 122 Wisconsin Street, Milwaukee, Wis.]

## LICENSED INSPECTORS.

Breed, Allen A.....	Milwaukee, Wis.....	361
Croke, Frank.....	.....do.....	423
Forrestal, James.....	.....do.....	539
Forrestal, Robert M.....	.....do.....	593
†Gebhard, Frank.....	.....do.....	525
†Kammerer, Phil. C.....	.....do.....	534
†Lias, Charles F.....	.....do.....	651
Rice, J. Walter.....	.....do.....	527
Ruger, Edward I.....	.....do.....	526
Zarwell, Edward E.....	.....do.....	564

## District No. 17.

[Office of Federal Grain Supervision, Rooms 1-4, Sherwood Building, Duluth, Minn.]

## LICENSED INSPECTORS.

Bjorge, Hans P.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	389
Bollum, John I.....	Duluth, Minn.....	721
Brown, Baldwin.....	Duluth, Minn., and Superior, Wis.....	506
Carlson, Magnus T.....	.....do.....	508
Coombs, John B.....	Superior, Wis.....	406
DiMarco, Fred B.....	Duluth, Minn., and Superior, Wis.....	501
Earl, Clifford P.....	.....do.....	502
Edwards, Hugh J.....	.....do.....	504
Erickson, Emil.....	.....do.....	607

\*License for shelled corn only.

†License suspended at request of licensee.



TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 17—Continued.

## LICENSED INSPECTORS—Continued.

Name.	Inspection points.	License No.
Gray, Russell W.....	Duluth, Minn., and Superior, Wis.....	503
Grendahl, Olaf.....	do.....	637
Hagler, Lewis.....	do.....	509
†Hanson, Francis L.....	do.....	604
Haugen, Magnus B.....	do.....	619
Ingersoll, John F.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	391
Jahn, Robert A.....	Duluth, Minn., and Superior, Wis.....	623
Johnson, Ole C.....	do.....	505
Kernan, Eugene E.....	Superior, Wis.....	409
Kernan, James E.....	do.....	457
LeMoignan, Joseph.....	Duluth, Minn., and Superior, Wis.....	499
McKinnon, Edward.....	Superior, Wis.....	456
McMillan, Archibald.....	do.....	410
Nelson, Louis M.....	Duluth, Minn., and Superior, Wis.....	510
Nye, Ray J.....	Superior, Wis.....	455
Owens, John.....	Duluth and Minneapolis, Minn., and Superior, Wis.....	390
Page, Edwin H.....	Superior, Wis.....	411
Rasmussen, Rasmus J.....	Duluth, Minn., and Superior, Wis.....	598
Sherman, Darwin D.....	do.....	512
Smith, Alton C.....	do.....	581
Swanstrom, Charles W.....	do.....	500
Youngren, Edward E.....	do.....	628

## District No. 18.

[Office of Federal Grain Supervision, 326 Flour Exchange, Minneapolis, Minn.]

## LICENSED INSPECTORS.

†Brown, Thomas J.....	St. Paul, Minn.....	634
Caley, Harry.....	Minneapolis and Duluth, Minn.....	615
Caswell, William R.....	La Crosse, Wis., and Minneapolis, Minn.....	497
†Collins, George A.....	Marshall and Minneapolis, Minn.....	652
Dahlquist, Harry A.....	Minneapolis and St. Paul, Minn.....	611
Dalrymple, Oliver C.....	Minneapolis, Minn.....	633
Eide, Mads M.....	do.....	727
Evenson, Arthur F.....	Minneapolis and Duluth, Minn.....	360
Foss, Ludwig.....	Minneapolis and St. Paul, Minn.....	608
Gibbs, Richard.....	do.....	580
Gordon, Arnolphus R.....	St. Cloud and Minneapolis, Minn.....	603
†Gray, Frank R.....	Mankato and Minneapolis, Minn.....	659
†Hamp, Charles H.....	St. Paul and Minneapolis, Minn.....	606
Healy, John J.....	Minneapolis and St. Paul, Minn.....	610
Irgens, Ingolf V.....	Minneapolis, Minn.....	618
Jerde, Mons E.....	St. Paul, Minn.....	722
Johnson, Edward.....	Minneapolis, Minn.....	496
Johnson, Edward G.....	do.....	636
Johnson, Jalmer O.....	Minneapolis and St. Paul, Minn.....	575
Klingen, John E.....	Austin, Minn.....	723
Lacher, Arthur J.....	Waseca and Minneapolis, Minn.....	660
Ladd, Edwin F.....	Fargo, N. Dak.....	632
Larson, Ole A.....	Marshall, Minn.....	513
LeSuer, Ralph V.....	Minneapolis and Duluth, Minn.....	581
Lundquist, Martin.....	New Ulm, Minn.....	724
Matland, John N.....	Minneapolis and Duluth, Minn.....	571
Maxfield, Charles F.....	St. Paul, Minn.....	498
McGovern, James A.....	Fargo, N. Dak.....	620
McNamara, John E.....	St. Paul, Minn.....	577
Mossberg, Samuel H.....	Minneapolis and Duluth, Minn.....	614
Oliver, Harry E.....	Minneapolis, Minn.....	560
Oppelt, Frank K.....	Sleepy Eye, Minn.....	658
Parish, Charles E.....	Minneapolis and St. Paul, Minn.....	579
Rehnke, E. R.....	Minneapolis and Duluth, Minn.....	358
Scanlon, William J.....	Minneapolis, Minn.....	720
Selvig, Victor H.....	Mankato, Minn.....	597
Shelley, Clarence W.....	Minneapolis, Minn.....	635
Tunell, George H.....	St. Paul, Minneapolis, and Duluth, Minn.....	589
Tuthill, Horace A.....	Minneapolis and St. Paul, Minn.....	579
Ulinger, Joseph J.....	Minneapolis, Minn.....	728
†Waddick, Richard L.....	Minneapolis and Duluth, Minn.....	617
White, William.....	Minneapolis, Minn.....	663
Williams, Ray.....	New Prague, Minn.....	507
Wright, Andrew J.....	Winona, Minn.....	588
Young, Walter B.....	Minneapolis and Duluth, Minn.....	845
Ziesemer, Rufus.....	do.....	359

† License suspended at request of licensee.

TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 19.

[Office of Federal Grain Supervision, 738 Brandeis Building, Omaha, Nebr.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Andrews, David R.....	Superior, Nebr.....	562
Christiansen, Arthur C.....	Omaha, Nebr.....	693
†Clark, Harry R.....	do.....	321
Diehl, Peter A.....	Lincoln, Nebr.....	622
†Ekinan, Carl E.....	Omaha, Nebr.....	569
Johnson, Arvid D.....	do.....	612
Larson, Paul N.....	Sioux City, Iowa.....	587
Littler, I. R.....	Missouri Valley, Iowa.....	605
†Martin, Robert H.....	Sioux City, Iowa.....	305
McGowan, Ross J.....	Omaha, Nebr.....	558
McLaughlin, Frank.....	do.....	613
Milligan, Theodore W.....	do.....	394
Mitchell, Fred W.....	Fremont, Nebr.....	570
Powell, George B.....	Omaha, Nebr.....	459
Scanlan, J. Paul.....	do.....	556
†Scott, Harry E.....	Lincoln, Nebr.....	655
Tilton, James A.....	Omaha, Nebr.....	460

## District No. 20.

[Office of Federal Grain Supervision, Room 974, 208 South La Salle Street, Chicago, Ill.]

## LICENSED INSPECTORS.

Boger, J. W.....	Chicago, Ill.....	675
Burke, John.....	do.....	428
†Burke, Thomas J.....	do.....	620
Cassidy, George J.....	do.....	421
Clark, John W.....	do.....	734
*Clawson, Charles.....	Sheldon, Ill.....	244
†Connelly, M. E.....	Chicago, Ill.....	661
Corson, Asa C.....	do.....	684
Costello, Edward J.....	do.....	417
*Ellinger, Elias H.....	Hammond, Ind.....	322
Erskine, John R.....	Chicago, Ill.....	571
Ettelson, John.....	do.....	646
Fegan, Robert G.....	Schneider, Ind.....	735
Fowle, William H.....	Chicago, Ill.....	733
Getzien, Charles.....	do.....	419
Gustafson, Frank A.....	do.....	621
Hawn, Arthur F.....	do.....	469
Hunt, William A.....	do.....	649
Johnson, John.....	do.....	413
Keeffe, John.....	do.....	439
La Shelle, Daniel G.....	do.....	674
Lorimer, John M.....	do.....	426
*Mallaney, J. F.....	Kankakee, Ill.....	270
†McCarthy, Eugene, jr.....	Chicago, Ill.....	311
McCarthy, Luke J.....	South Bend, Ind.....	554
*McCrea, John C.....	Clinton, Iowa.....	695
McCreadie, Robert.....	Chicago, Ill.....	705
McDermott, John T.....	do.....	418
Moran, Edward E.....	do.....	427
Nohle, James A.....	Chicago, Ill.....	566
Raichart, Edward.....	do.....	412
Ramsey, George W., jr.....	Cedar Rapids, Iowa.....	653
Ratza, John F.....	Chicago, Ill.....	673
Risser, Harry E.....	do.....	416
Schall, William.....	do.....	420
Schmidt, Walter F.....	do.....	532
Smith, Samuel H.....	do.....	650
Spotz, Frank J.....	do.....	463
Terveen, George.....	do.....	706
†Tracy, Walter J.....	do.....	443
Wetzel, Frederick T.....	do.....	462

\* License for shelled corn only.

† License suspended at request of licensee.

‡ License suspended by order of the Secretary of Agriculture.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 21.

[Office of Federal Grain Supervision, 509 Lehmann Building, Peoria, Ill.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Baxter, Samuel E.....	Peoria and Pekin, Ill.....	402
Beckenhaupt, John C.....	do.....	524
*Drysedale, David L.....	do.....	17
Fox, Herbert.....	do.....	343
French, Luther E.....	Burlington, Iowa.....	666
†Guinane, Edward J.....	do.....	559
Meehan, Harvey C.....	Peoria and Pekin, Ill.....	523
*Miller, Walter D.....	do.....	13
†Remington, Floyd R.....	do.....	600
Rowe, Van R.....	*Davenport, Iowa.....	401
Tompkins, Frank B.....	Peoria, Ill.....	494
*Wallace, Roy J.....	Champaign, Ill.....	718

## District No. 22.

[Office of Federal Grain Supervision, 817 Pierce Building, St. Louis, Mo.]

## LICENSED INSPECTORS.

Carr, Frank C.....	St. Louis, Mo.....	448
Clifford, Thomas E.....	do.....	696
Edmiston, J. D.....	East St. Louis, Ill.....	672
†Elliot, John O.....	St. Louis, Mo.....	449
Gilmartin, James J.....	do.....	444
Grischy, John.....	East St. Louis, Ill.....	376
Laux, Philip.....	do.....	377
Lyons, William M.....	do.....	379
Meagher, Thomas E.....	St. Louis, Mo.....	729
Nolan, William.....	do.....	662
Richards, W. T.....	East St. Louis, Ill.....	670
†Sartison, Franz.....	do.....	467
Sullivan, John F.....	Alton, Ill.....	356
Thompson, Robert P.....	St. Louis, Mo.....	468
Tolson, R. B.....	do.....	661
Tracy, John J.....	do.....	445
Widicus, Arnold J.....	East St. Louis, Ill.....	373

## District No. 23.

[Office of Federal Grain Supervision, Room 6, Post Office Building, Cairo, Ill.]

## LICENSED INSPECTORS.

*Clancy, John E.....	Cairo, Ill.....	683
†Jenkins, Charles F.....	Paducah, Ky.....	682
Matthews, F. A.....	Sikeston, Mo.....	686
Powell, William S.....	Cairo, Ill.....	592
†Shanahan, Michael.....	do.....	39

## District No. 24.

[Office of Federal Grain Supervision, 310 Postal Telegraph Building, Kansas City, Mo.]

## LICENSED INSPECTORS.

Addison, Alex.....	*Leavenworth, Kans.....	385
Alleman, Russell F.....	*Kansas City, Kans.....	595
Bennett, George G.....	*Kansas City, Mo.....	631
Betton, Ernest L.....	*Kansas City, Kans.....	472
Bogard, Benjamin F.....	*Topeka, Kans.....	381
Bradbury, Frank W.....	*Kansas City, Mo.....	474
Butler, Richard W.....	do.....	479
Callahan, John T.....	*Salina, Kans.....	719
Chess, John P.....	*Lawrence, Kans.....	366
Clark, J. Martin.....	*Kansas City, Mo.....	482

\* License for shelled corn only.

† License suspended at request of licensee.



TABLE 2.—Address of Office of Federal Grain Supervision, etc.—Continued.

## District No. 24—Continued.

## LICENSED INSPECTORS—Continued.

Name.	Inspection points.	License No.
Connelly, Charlie M.	Salina, Kans.	392
Cooke, Robert O.	Atchison, Kans.	429
Culp, Mather C.	Kansas City, Mo.	476
Deussing, Berthold, jr.	do.	694
Dunn, Pines R.	St. Joseph, Mo.	470
Fears, Magruder C.	Kansas City, Mo.	483
†Fears, Samuel P.	do.	492
Hillis, John	Kansas City, Kans.	393
Lacy, Roscoe H.	do.	708
McVeigh, Patherick H.	Kansas City, Mo.	473
Noel, Joe S.	do.	731
O'Connor, Otis E.	do.	478
Pease, Charles M.	Kansas City, Kans.	357
Reavis, Frank.	Kansas City, Mo.	477
†Roberts, Clarence.	Abilene, Kans.	461
Ross, George B.	Kansas City, Kans.	609
Schreiber, Herman J.	Atchison, Kans.	380
Shepard, Celsus	Kansas City, Mo.	480
†Shull, Charles W.	Kansas City, Kans.	627
Sims, John.	Clay Center, Kans.	642
Stanley, Ward E.	Kansas City, Kans.	715
Towner, Harry E.	do.	730
Ware, A. R.	Kansas City, Mo.	685
Wasser, Joseph C.	Kansas City, Kans.	384
Wheeler, James B.	St. Joseph, Mo.	471
Williams, Charles M.	Kansas City, Mo.	475
Winn, John O.	St. Joseph, Mo.	433
Wollard, Christopher A.	Abilene, Kans.	594

## District No. 25.

[Office of Federal Grain Supervision, 403 Exchange Building, Memphis, Tenn.]

## LICENSED INSPECTORS.

*Daniel, Dan.	Little Rock, Ark.	146
Gardner, Alexander B.	Memphis, Tenn.	353
Gardner, Edwin R.	do.	399
Houseal, Miles B.	do.	537

## District No. 26.

[Office of Federal Grain Supervision, 503 Metropolitan Bank Building, New Orleans, La.]

## LICENSED INSPECTORS.

Colby, George S.	City of New Orleans, Orleans Parish; Harahan, Westwego, Amesville, Harveys Canal, Gretna, and Gouldsboro, Jefferson Parish; Chalmette, St. Bernard Parish, La.	437
*DeFraites, Arthur E.	do.	232
Engelhorn, W. L.	do.	628
Helwick, Joseph L.	do.	475
*Katz, Nahum E.	Meridian, Miss.	701
Keiser, Peter.	City of New Orleans, Orleans Parish; Harahan, Westwego, Amesville, Harveys Canal, Gretna, and Gouldsboro, Jefferson Parish; Chalmette, St. Bernard Parish, La.	436
Wilkie, John M.	do.	431

## District No. 27.

[Office of Federal Grain Supervision, 222 Security Building, Galveston, Tex.]

## LICENSED INSPECTORS.

Herrington, George W.	Galveston, Tex.	713
Kerner, Jacob V.	do.	530
Metz, Adam H.	do.	711
Wickstrom, Hilding A.	do.	458

\* License for shelled corn only.

† License suspended at request of licensee.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 29.

[Office of Federal Grain Supervision, 511 First National Bank Building, Fort Worth, Tex.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
Grubb, Orin A.....	Wichita Falls, Tex.....	528
McKnight, J. R.....	Sherman, Tex.....	374
*Pitman, Joseph E.....	Fort Worth, Tex.....	712
Robinson, Clarence W.....	do.....	591
Robinson, James E.....	do.....	432

## District No. 29.

[Office of Federal Grain Supervision, 592 Patterson Building, Oklahoma City, Okla.]

## LICENSED INSPECTORS.

Callahan, A. K.....	Enid, Okla.....	668
Jordan, M. I.....	Oklahoma City, Okla.....	609

## District No. 30.

[Office of Federal Grain Supervision, 313 Sedgwick Building, Wichita, Kans.]

## LICENSED INSPECTORS.

Bailey, Oliver E.....	Winfield and Arkansas City, Kans.....	714
Clark, Willard B.....	Wellington, Kans.....	495
Dunmire, Albert A.....	Wichita, Kans.....	386
Hutchinson, Harris W.....	Hutchinson, Kans.....	353
Jones, Albert V.....	Wichita, Kans.....	716
Lambe, William J.....	Coffeyville, Kans.....	494
Ogren, Clarence C.....	Hutchinson, Kans.....	717

## District No. 31.

[Office of Federal Grain Supervision, 509 Cooper Building, Denver, Colo.]

## LICENSED INSPECTORS.

Hine, Lewis C.....	Denver, Colo.....	583
Joerger, Emil J.....	do.....	395

## District No. 32.

[Office of Federal Grain Supervision, 423 Ness Building, Salt Lake City, Utah.]

## LICENSED INSPECTORS.

Aabel, Hans.....	Salt Lake City, Utah.....	657
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\* License for shelled corn only.

TABLE 2.—*Address of Office of Federal Grain Supervision, etc.*—Continued.

## District No. 33.

[Office of Federal Grain Supervision, 516 Chamber of Commerce Building, Spokane, Wash.]

## LICENSED INSPECTORS.

Name.	Inspection points.	License No.
**Atkinson, Alfred.....	Bozeman, Mont.....	687
Crowe, Luke D.....	Spokane, Wash.....	520
**Jahnke, Emil W.....	Bozeman, Mont.....	688
Stevens, Thomas A.....	Spokane, Wash.....	599

## District No. 34.

[Office of Federal Grain Supervision, 2304 L. C. Smith Building, Seattle, Wash.]

## LICENSED INSPECTORS.

†Asbury, Herndon M.....	Seattle, Wash.....	630
Cunningham, James.....	do.....	514
Cunningham, P. R.....	do.....	691
†Fisher, J. E.....	do.....	677
Geehan, J. J.....	Tacoma, Wash.....	519
Hyman, F. V.....	Seattle, Wash.....	676
Kneeland, Guy B.....	do.....	678
Peterson, P. K.....	do.....	679
Sweeney, Patrick J.....	Tacoma, Seattle, and Spokane, Wash.....	601
Sweeney, T. F.....	Tacoma, Wash.....	602
Ton, Philip J.....	do.....	515
Ward, C. J.....	do.....	516

## District No. 35.

[Office of Federal Grain Supervision, 310 Worcester Building, Portland, Oreg.]

## LICENSED INSPECTORS.

Church, James Wheeler.....	Portland, Oreg.....	732
†Coffman, Orville W.....	do.....	643
McAyeal, Roy A.....	do.....	665
Porter, Charles E.....	do.....	531

## District No. 36.

[Office of Federal Grain Supervision, 1131 Merchants Exchange, San Francisco, Cal.]

## LICENSED INSPECTORS.

Bunker, Henry Chase.....	San Francisco, Port Costa, South Vallejo, and Stockton, Cal.....	495
Silcox, Chester.....	Los Angeles, Cal.....	493
Sullivan, James J.....	San Francisco, Port Costa, South Vallejo, and Stockton, Cal.....	689

\*\* License for wheat only.

† License suspended at request of licensee.



TABLE 3.—List showing names of licensed inspectors whose licenses are being held in suspension, August 31, 1918.

Name.	Address.	License No.	Date suspended.	Reason for suspension.
Asbury, Herndon M.....	Seattle, Wash.....	680	July 25, 1918	At request of licensee.
*Binkley, Wendell H.....	Nashville, Tenn.....	334	Apr. 22, 1918	Do.
Bohnet, Fred Albert.....	Baltimore, Md.....	698	Aug. 5, 1918	Do.
*Bonds, Jacob R.....	Norfolk, Va.....	272	May 14, 1918	Do.
Brown, Thomas J.....	St. Paul, Minn.....	634	Apr. 22, 1918	Do.
Burke, Thomas J.....	Chicago, Ill.....	620	May 31, 1918	Do.
*Clark, Harry Robert.....	Omaha, Nebr.....	321	Sept. 6, 1917	Do.
Cofer, Wesley R.....	Newport, News, Va.....	547	Jan. 18, 1918	Do.
Coffman, Orville W.....	Portland, Oreg.....	643	Apr. 24, 1918	Do.
Collins, George A.....	Marshall, Minn.....	652	Mar. 2, 1918	Do.
Connelly, Milton E.....	Chicago, Ill.....	664	May 31, 1918	Do.
Daus, Ray C.....	Indianapolis, Ind.....	614	Dec. 17, 1917	Do.
Deussing, Berthold, jr.....	Kansas City, Mo.....	694	Mar. 22, 1918	Do.
Duval, Neville W., jr.....	Louisville, Ky.....	404	June 21, 1918	Do.
Ekman, Carl E.....	Omaha, Nebr.....	569	Feb. 1, 1918	Do.
*Elam, Herman P.....	Henderson, Ky.....	573	Sept. 1, 1917	Do.
Elliott, John O.....	St. Louis, Mo.....	449	Sept. 19, 1917	Do.
Fears, Samuel P.....	Kansas City, Mo.....	492	Aug. 16, 1918	Do.
Fisher, John E.....	Seattle, Wash.....	677	Feb. 26, 1918	Do.
Gebhard, Frank.....	Milwaukee, Wis.....	525	Jan. 7, 1918	Do.
Gray, Frank R.....	Mankato, Minn.....	659	Feb. 26, 1918	Do.
Guinane, Edward J.....	Burlington, Iowa.....	559	Aug. 5, 1918	Do.
Hall, Warren B.....	Toledo, Ohio.....	585	do.....	Do.
Hamp, Charles H.....	St. Paul, Minn.....	606	Dec. 7, 1917	Do.
Hanson, Francis L.....	Duluth, Minn.....	604	Oct. 5, 1917	Do.
Hopwood, Howard H.....	Pittsburgh, Pa.....	430	Feb. 21, 1918	Do.
Hull, Irving T.....	Baltimore, Md.....	545	Apr. 10, 1918	Do.
*Jamieson, William C.....	do.....	143	July 7, 1917	Do.
*Jenkins, Charles F.....	Paducah, Ky.....	682	Mar. 16, 1918	Do.
Kammerer, Phil. C.....	Milwaukee, Wis.....	534	Feb. 8, 1918	Do.
Kolb, Charles W.....	Philadelphia, Pa.....	550	Aug. 27, 1918	Do.
Kraus, John E.....	Buffalo, N. Y.....	440	Apr. 20, 1918	Do.
*Lias, Charles F.....	Elmhurst, Ill.....	654	Dec. 14, 1917	Do.
*Loefke, Herman.....	Buffalo, N. Y.....	335	June 1, 1918	Do.
*Martin, Robert Henri.....	Sioux City, Iowa.....	305	Mar. 2, 1918	Do.
*McCarthy, Eugene, jr.....	Chicago, Ill.....	311	May 23, 1918	By order of the Secretary of Agriculture.
Moorman, Herbert T.....	New York, N. Y.....	700	June 11, 1918	At request of licensee.
*Poisel, Charles O.....	Indianapolis, Ind.....	328	July 3, 1918	Do.
*Remington, Floyd R.....	Peoria, Ill.....	600	Aug. 6, 1918	Do.
Roberts, Clarence.....	Abilene, Kans.....	461	Mar. 22, 1918	Do.
Sartison, Franz.....	St. Louis, Mo.....	467	Aug. 15, 1918	Do.
*Scott, Harry E.....	Sicux City, Iowa.....	655	Jan. 3, 1918	Do.
*Shanahan, Michael.....	Cairo, Ill.....	39	June 29, 1918	Do.
Shull, Charles W.....	Kansas City, Kans.....	627	Mar. 22, 1918	Do.
Tracy, Walter J.....	Chicago, Ill.....	443	Mar. 14, 1918	Do.
Waddick, Richard L.....	Minneapolis, Minn.....	617	Jan. 5, 1918	Do.

\* License for shelled corn only.

## NOTICE OF ISSUANCE OF DUPLICATE IDENTIFICATION CARD TO LICENSED INSPECTOR.

Each of the following licensed inspectors, having lost his identification card issued to him in connection with his license, was issued a duplicate identification card, pursuant to regulation 2, section 8, of the rules and regulations under the United States grain standards Act:

Licensed inspector.	Address.	Identification card No.	Date issued.
Caley, Harry.....	Minneapolis, Minn.....	615	May 27, 1918
Catlin, Seth.....	Boston, Mass.....	365	Dec. 4, 1917

TABLE 4.—List showing names of persons to whom licenses were issued by the Secretary of Agriculture and whose licenses have been canceled up to and including August 31, 1918.

Name.	Address.	License No.
*Aabel, Hans.....	Burlington, Iowa.....	246
Anderson, Harold.....	Buffalo, N. Y.....	582
Bailey, Edward W.....	Chicago, Ill.....	414
Bingaman, L. L.....	Coffeyville, Kans.....	465
*Birk, Charles Gilbert.....	Louisville, Ky.....	99
*Bolan, Bernard J.....	Portland, Me.....	293
*Brittain, Perley J.....	Minneapolis, Minn.....	120
*Burroak, Nelson J.....	Montevideo, Minn.....	301
*Cavanagh, John T.....	Superior, Wis.....	43
Clifford, Thomas E.....	St. Louis, Mo.....	450
*Conkey, Edward H.....	Duluth, Minn.....	151
*Connelly, Milton E.....	Chicago, Ill.....	316
Cunningham, John J.....	New York, N. Y.....	398
*Dennis, Edward F.....	Cincinnati, Ohio.....	226
*Edwards, John H.....	Duluth, Minn.....	152
*Emerson, H. E.....	St. Paul, Minn.....	131
*Farrell, James S.....	Cincinnati, Ohio.....	309
Fowler, Walter.....	Superior, Wis.....	408
*Franks, Clifford G.....	Chicago, Ill.....	92
*Gallaher, Lee.....	Kansas City, Mo.....	163
Gartin, Linzy E.....	Portland, Oreg.....	630
*Gear, Herbert H.....	Sioux City, Iowa.....	101
Gilbert, Ralph West.....	Champaign, Ill.....	651
Hammer, Frederick C.....	Boston, Mass.....	362
*Hegwein, Charles F.....	Chicago, Ill.....	87
*Heilman, Harold S.....	Buffalo, N. Y.....	187
Hickey, Edward J.....	Chicago, Ill.....	422
Higgins, Claude F.....	Kansas City, Kans.....	707
*Hill, Ephraim A.....	Minneapolis, Minn.....	115
*Jarboe, Robert D.....	Tacoma, Wash.....	79
*Jones, George D.....	Fostoria, Ohio.....	260
Knight, William.....	Louisville, Ky.....	403
*Kruise, August F.....	Omaha, Nebr.....	255
Landers, George K.....	Seattle, Wash.....	517
Linzee, E. H.....	Oklahoma City, Okla.....	529
Loos, Fred L.....	Kansas City, Mo.....	481
**Lucy, James W.....	Buffalo, N. Y.....	656
**Mack, John.....	do.....	337
*Martin, Thomas P.....	Buffalo, N. Y.....	338
McDonald, William.....	Duluth, Minn.....	511
*Mill, Robert C.....	East St. Louis, Ill.....	180
*Miller, Harry.....	Indianapolis, Ind.....	339
*Munro, John C.....	St. Cloud, Minn.....	192
*Nathan, Joseph E.....	Chicago, Ill.....	317
Noll, Edward C.....	Milwaukee, Wis.....	541
Pahl, William A.....	Omaha, Nebr.....	557
*Phillips, Oscar F.....	Duluth, Minn.....	54
Pillow, Frank E.....	Tacoma, Wash.....	518
*Pitman, Joseph E.....	Fort Worth, Tex.....	704
*Pope, John T.....	Mobile, Ala.....	23
Post, Anson C.....	Winfield, Kans.....	522
*Preece, William J.....	Detroit, Mich.....	310
Richeson, William L.....	New Orleans, La.....	431
*Russell, Ralph.....	Hutchinson, Kans.....	97
Saunders, Robert R.....	St. Louis, Mo.....	445
Scharf, Matthew H.....	New York, N. Y.....	346
*Sheedy, John.....	Kansas City, Mo.....	165
*Standing, Charles F.....	Champaign, Ill.....	109
Staples, William J.....	St. Louis, Mo.....	447
*Straight, Gregory L.....	Kansas City, Kans.....	182
Strothman, Herbert L.....	Seattle, Wash.....	521
Strowig, Milton I.....	Kansas City, Kans.....	596
*Tompkins, Frank B.....	Peoria, Ill.....	19
*Wallace, Roy J.....	Chicago, Ill.....	314
Wood, William Leonard.....	Kansas City, Kans.....	690
*Woolsey, Ralph B.....	Chicago, Ill.....	84
Wright, Ralph C.....	Minneapolis, Minn.....	578

\*License for shelled corn only.

\*\*License for wheat only.

TABLE 5.—List showing names of persons to whom licenses were issued by the Secretary of Agriculture and whose licenses have been revoked up to and including August 31, 1918.

Name.	Address.	License No.	Date revoked.
Hendricks, Riley C.....	Duluth, Minn.....	618	Apr. 19, 1918
*Gibbons, John P.....	Chicago, Ill.....	291	Dec. 13, 1917

\* License for shelled corn only.

TABLE 6.—Alphabetical list of points where inspection services are performed by licensed inspectors.

Inspection points.	State.	District No.	Inspection points.	State.	District No.
Abilene.....	Kansas.....	24	Milwaukee.....	Wisconsin.....	16
Alton.....	Illinois.....	22	Minneapolis.....	Minnesota.....	13
Amesville.....	Louisiana.....	23	Missouri Valley.....	Iowa.....	19
Arkansas City.....	Kansas.....	30	Nashville.....	Tennessee.....	9
Atchison.....	do.....	24	New Albany.....	Indiana.....	10
*Atlanta.....	Georgia.....	8	New Orleans.....	Louisiana.....	26
Baltimore.....	Maryland.....	6	New Prague.....	Minnesota.....	18
*Birmingham.....	Alabama.....	8	New Ulm.....	do.....	18
Boston.....	Massachusetts.....	1	New York (Harbor of	New York.....	2
*Bozeman.....	Montana.....	33	New York; Queens,		
Buffalo.....	New York.....	4	Kings, and Rich-		
Eurlington.....	Iowa.....	21	mond Counties,		
Cairo.....	Illinois.....	23	N. Y.; Hudson		
Cedar Rapids.....	Iowa.....	23	County, N. J.).		
Chalmette.....	Louisiana.....	23	Noblesville.....	Indiana.....	12
*Champaign.....	Illinois.....	21	*Norfolk.....	Virginia.....	6
Chicago.....	do.....	20	Oklahoma City.....	Oklahoma.....	29
Cincinnati.....	Ohio.....	11	Omaha.....	Nebraska.....	19
Clay Center.....	Kansas.....	24	*Owensboro.....	Kentucky.....	10
Cleveland.....	Ohio.....	14	*Pudueah.....	do.....	23
*Clinton.....	Iowa.....	20	Pekin.....	Illinois.....	21
Cofteyville.....	Kansas.....	30	Peoria.....	do.....	21
Columbus.....	Ohio.....	11	Philadelphia.....	Pennsylvania.....	3
Davenport.....	Iowa.....	21	Pittsburgh.....	do.....	5
Denver.....	Colorado.....	31	Port Costa.....	California.....	36
Detroit.....	Michigan.....	15	Portland.....	Oregon.....	35
Duluth.....	Minnesota.....	17	*Portsmouth.....	Virginia.....	6
East St. Louis.....	Illinois.....	22	*Richmond.....	do.....	6
Enid.....	Oklahoma.....	23	St. Cloud.....	Minnesota.....	18
Evansville.....	Indiana.....	10	St. Joseph.....	Missouri.....	24
Fargo.....	North Dakota.....	18	St. Louis.....	do.....	22
Fort Worth.....	Texas.....	23	St. Paul.....	Minnesota.....	18
Fostoria.....	Ohio.....	13	Sallina.....	Kansas.....	24
Fremont.....	Nebraska.....	19	Salt Lake City.....	Utah.....	32
Galveston.....	Texas.....	27	San Francisco.....	California.....	36
Gouldsboro.....	Louisiana.....	23	Schneider.....	Indiana.....	20
Grand Rapids.....	Michigan.....	23	Seattle.....	Washington.....	34
Gretna.....	Louisiana.....	26	*Sheldon.....	Illinois.....	20
*Hammond.....	Indiana.....	20	Sherman.....	Texas.....	23
Harahan.....	Louisiana.....	26	Sikeston.....	Missouri.....	23
Harveys Canal.....	do.....	10	Sioux City.....	Iowa.....	19
Henderson.....	Kentucky.....	26	Sleepy Eye.....	Minnesota.....	18
Hutchinson.....	Kansas.....	30	South Bend.....	Indiana.....	20
Indianapolis.....	Indiana.....	12	South Vallejo.....	California.....	36
*Jacksonville.....	Florida.....	8	Spokane.....	Washington.....	36
*Kankakee.....	Illinois.....	20	Stockton.....	California.....	36
Kansas City.....	Kansas.....	24	Superior.....	Nebraska.....	19
Do.....	Missouri.....	24	Superior.....	Wisconsin.....	17
LaCrosse.....	Wisconsin.....	13	Tacoma.....	Washington.....	34
Lawrence.....	Kansas.....	24	Terre Haute.....	Indiana.....	12
Lawrenceburg.....	Indiana.....	11	Toledo.....	Ohio.....	13
Leavenworth.....	Kansas.....	24	Topeka.....	Kansas.....	24
Lincoln.....	Nebraska.....	19	Troy.....	Ohio.....	11
*Little Rock.....	Arkansas.....	25	Waseca.....	Minnesota.....	18
Los Angeles.....	California.....	36	Wellington.....	Kansas.....	30
Louisville.....	Kentucky.....	10	Westwego.....	Louisiana.....	26
Mankato.....	Minnesota.....	18	Wichita.....	Kansas.....	30
Mansfield.....	Ohio.....	14	*Wichita Falls.....	Texas.....	23
Marshall.....	Minnesota.....	18	Winchester.....	Indiana.....	12
Memphis.....	Tennessee.....	25	Winfield.....	Kansas.....	30
*Meridian.....	Mississippi.....	26	Winona.....	Minnesota.....	18

\* Inspector holds license for shelled corn only.

† Inspector's license suspended.

\*\* Inspector holds license for wheat only.



TABLE 7.—List of inspection points, by States, where services are performed by licensed inspectors.

State.	Inspection points.	District No.	State.	Inspection points.	District No.
Alabama.....	*Birmingham.....	8	Maryland.....	Baltimore.....	6
Arkansas.....	*Little Rock.....	25	Massachusetts.....	Boston.....	1
California.....	*Los Angeles.....	36	Michigan.....	Detroit.....	15
	Port Costa.....	36		Grand Rapids.....	15
	San Francisco.....	36	Minnesota.....	Duluth.....	17
	South Vallejo.....	36		Mankato.....	18
	Stockton.....	36		Marshall.....	18
Colorado.....	Denver.....	31		Minneapolis.....	18
Florida.....	*Jacksonville.....	8		New Prague.....	18
Georgia.....	*Atlanta.....	8		New Ulm.....	18
Illinois.....	Alton.....	22		St. Cloud.....	18
	Cairo.....	23		St. Paul.....	18
	*Champaign.....	21		Sleepy Eye.....	18
	Chicago.....	20		Waseca.....	18
	East St. Louis.....	22		Winona.....	26
	*Kankakee.....	20	Mississippi.....	*Meridian.....	24
	Pekin.....	21	Missouri.....	Kansas City.....	24
	Peoria.....	21		St. Joseph.....	22
	*Sheldon.....	20		St. Louis.....	22
Indiana.....	Evansville.....	10		Sikeston.....	23
	*Hammond.....	20	Montana.....	*Bozeman.....	33
	Indianapolis.....	12	Nebraska.....	Fremont.....	19
	Lawrenceburg.....	11		Lincoln.....	19
	New Albany.....	10		Omaha.....	19
	Noblesville.....	12		Superior.....	19
	Schneider.....	20	New Jersey.....	Hudson County.....	2
	South Bend.....	20	New York.....	Buffalo.....	4
	Terre Haute.....	12		New York (har-	2
	Winchester.....	12		bor of New York;	
Iowa.....	Burlington.....	21		Queens, Kings,	
	Cedar Rapids.....	20		and Richmond	
	*Clinton.....	20		Counties).	
	Davenport.....	21	North Dakota.....	Fargo.....	18
	Missouri Valley.....	19	Ohio.....	Cincinnati.....	11
	Sioux City.....	19		Cleveland.....	14
Kansas.....	Abilene.....	24		Columbus.....	11
	Arkansas City.....	30		Fostoria.....	13
	Atchison.....	24		Mansfield.....	14
	Clay Center.....	24		Toledo.....	13
	Colleyville.....	30		Troy.....	11
	Hutchinson.....	30	Oklahoma.....	Enid.....	29
	Kansas City.....	24		Oklahoma City.....	29
	Lawrence.....	24	Oregon.....	Portland.....	35
	Leavenworth.....	24	Pennsylvania.....	Philadelphia.....	3
	Salina.....	24		Pittsburgh.....	5
	Topeka.....	24	Tennessee.....	Memphis.....	25
	Wellington.....	30		Nashville.....	9
	Wichita.....	30	Texas.....	Port Worth.....	24
	Winfield.....	30		Galveston.....	27
Kentucky.....	Henderson.....	10		Sherman.....	28
	Louisville.....	10	Utah.....	Wichita Falls.....	28
	*Owensboro.....	10		Salt Lake City.....	32
	†Paducah.....	23	Virginia.....	†Norfolk.....	6
Louisiana.....	Amesville.....	25		†Portsmouth.....	6
	Chalmette.....	25		*Richmond.....	6
	Gouldsboro.....	25	Washington.....	Seattle.....	34
	Gretna.....	25		Spokane.....	33
	Harahan.....	25		Tacoma.....	34
	Harveys Canal.....	25	Wisconsin.....	La Crosse.....	18
	New Orleans.....	25		Milwaukee.....	16
	Westwego.....	25		Superior.....	17

\* Inspector holds license for shelled corn only.

\*\* Inspector holds license for wheat only.

† Inspector's license suspended.

*Port Arthur*  
*San Antonio*  
*San City*  
*St. Louis*  
*Dallas*  
*Yonkers*  
*El Paso*  
*San Antonio*  
*Northampton*  
*Quincy*  
*Edgewood*

*Astoria*

*Alphabetical index of district headquarters.*

Headquarters at—	District No.	Headquarters at—	District No.
Atlanta.....	8	Minneapolis.....	18
Baltimore.....	6	Nashville.....	9
Boston.....	1	New Orleans.....	26
Buffalo.....	4	New York.....	2
Cairo.....	23	Oklahoma City.....	29
Chicago.....	20	Omaha.....	19
Cincinnati.....	11	Peoria.....	21
Cleveland.....	14	Philadelphia.....	3
Denver.....	31	Pittsburgh.....	5
Detroit.....	15	Portland, Oreg.....	35
Duluth.....	17	St. Louis.....	22
Fort Worth.....	28	Salt Lake City.....	32
Galveston.....	27	San Francisco.....	36
Indianapolis.....	12	Seattle.....	34
Kansas City, Mo.....	24	Spokane.....	33
Louisville.....	10	Toledo.....	13
Memphis.....	25	Wichita.....	30
Milwaukee.....	16		

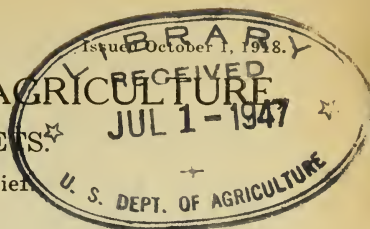
*Numerical index of districts.*

District No.	Headquarters at—	Page.	District No.	Headquarters at—	Page.
1	Boston, Mass.....	10	20	Chicago, Ill.....	15
2	New York, N. Y.....	10	21	Peoria, Ill.....	16
3	Philadelphia, Pa.....	11	22	St. Louis, Mo.....	16
4	Buffalo, N. Y.....	11	23	Cairo, Ill.....	16
5	Pittsburgh, Pa.....	11	24	Kansas City, Mo.....	16
6	Baltimore, Md.....	11	25	Memphis, Tenn.....	17
8	Atlanta, Ga.....	11	26	New Orleans, La.....	17
9	Nashville, Tenn.....	12	27	Galveston, Tex.....	17
10	Louisville, Ky.....	12	28	Fort Worth, Tex.....	18
11	Cincinnati, Ohio.....	12	29	Oklahoma City, Okla.....	18
12	Indianapolis, Ind.....	12	30	Wichita, Kans.....	18
13	Toledo, Ohio.....	13	31	Denver, Colo.....	18
14	Cleveland, Ohio.....	13	32	Salt Lake City, Utah.....	18
15	Detroit, Mich.....	13	33	Spokane, Wash.....	19
16	Milwaukee, Wis.....	13	34	Seattle, Wash.....	19
17	Duluth, Minn.....	13	35	Portland, Oreg.....	19
18	Minneapolis, Minn.....	14	36	San Francisco, Cal.....	19
19	Omaha, Nebr.....	15			

U. S. DEPARTMENT OF AGRICULTURE

BUREAU OF MARKETS.

CHARLES J. BRAND, Chief



**SERVICE AND REGULATORY ANNOUNCEMENTS.**

No. 39.<sup>1</sup>

**WARNING.**

**THIS DOES NOT CONTAIN THE OFFICIAL  
STANDARDS FOR OATS.**

**NOTICE OF PUBLIC HEARINGS.**

Hearings upon proposed official grain standards of the United States for oats, hereafter to be established and promulgated by the Secretary of Agriculture under the United States grain standards Act, will be held by the Chief of the Bureau of Markets, or his representatives, at the times and places designated following this announcement. The basis for the proposed standards, submitted for discussion, is annexed.

Producers of grain, millers, merchants, manufacturers, bankers, grain inspectors, members of exchanges, warehousemen, carriers, and other persons interested are invited to be present at any of these hearings. Opportunity for oral discussion will be afforded to as many as practicable. Written communications will be considered, and should be sent to the Chief of the Bureau of Markets, Department of Agriculture, Washington, D. C. It is requested that arguments, suggestions, and criticisms be brief and definite, and refer to the specific class and grade in question.

*C. J. Brand*

Secretary of Agriculture.

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 38.



The hearings will be held as follows:

- Oct. 15, beginning 10 a. m., Philadelphia, Pa., Bourse Building.
- Oct. 16, beginning 10 a. m., Buffalo, N. Y., Room 409, Chamber of Commerce Building.
- Oct. 17, beginning 10 a. m., Chicago, Ill., Fort Dearborn Hotel.
- Oct. 18, beginning 10 a. m., Omaha, Nebr., Hotel Fontenelle.
- Oct. 19, beginning 10 a. m., Minneapolis, Minn., Assembly Room, Court House.
- Oct. 21, beginning 9 a. m., Bozeman, Mont., Chamber of Commerce.
- Oct. 22, beginning 10 a. m., Spokane, Wash., Hotel Davenport.
- Oct. 23, beginning 9 a. m., Portland, Ore., Assembly Room, Chamber of Commerce.
- Oct. 26, beginning 10 a. m., Denver, Col., Albany Hotel.
- Oct. 28, beginning 10 a. m., Kansas City, Kan., Muehlebach.
- Oct. 29, beginning 11 a. m., Oklahoma City, Okla., Lee-Huckins Hotel.
- Oct. 31, beginning 10 a. m., Memphis, Tenn., Merchants' Exchange.
- Nov. 1, beginning 10 a. m., St. Louis, Mo., Planters' Hotel.
- Nov. 2, beginning 10 a. m., Cincinnati, Ohio, Hotel Gibson.
- Nov. 4, beginning 10 a. m., Atlanta, Ga., Chamber of Commerce Bldg.

#### PROPOSED OFFICIAL GRAIN STANDARDS OF THE UNITED STATES FOR OATS.

For the purposes of the official grain standards of the United States for oats:

**Section 1. Oats.**—Any grain which contains more than ten per centum of grain of a kind or kinds other than oats, or which contains more than forty per centum of all matter other than oats including oat hulls and oat clippings, shall not be classified as oats. The term "oats" in these standards shall not include wild oats.

**Sec. 2. Basis of determinations.**—All determinations shall be upon the basis of the grain including cereal grains, foreign material, and wild oats.

**Sec. 3. Percentages.**—Percentages, except in the case of moisture, shall be percentages ascertained by weight.

**Sec. 4. Percentage of moisture.**—Percentage of moisture in oats shall be ascertained by the moisture tester and the method of use thereof described in Circular No. 72, and supplement thereto, issued by the United States Department of Agriculture, Bureau of Plant Industry, except that the graduated measuring cylinder used shall be that described in Department of Agriculture Bulletin No. 56; or such percentage shall be ascertained by any device and method giving equivalent results.

**Sec. 5. Test weight per bushel.**—Test weight per bushel shall be the weight per Winchester bushel as determined by the testing apparatus and the method of use thereof described in Bulletin No. 472, dated October 30, 1916, issued by the United States Department of Agriculture, or as determined by any device and method giving equivalent results. The test weight per bushel so determined shall be stated in terms of whole pounds, ~~omitting~~ fractions of a pound, and shall be added to the grade designation.

Sec. 6. **Foreign material.**—Foreign material shall be all matter other than oats, cereal grains, and wild oats, and shall include oat hulls and oat clippings.

Sec. 7. **Cereal grains.**—Cereal grains shall include wheat, corn, rye, barley, emmer, spelt, einkorn, grain sorghums, and rice, only; and shall not include buckwheat, flaxseed, and wild oats.

Sec. 8. **Heat damaged kernels.**—Heat damaged kernels shall be kernels and pieces of kernels of oats which have been distinctly discolored by external heat or as a result of heating caused by fermentation.

Sec. 9. **Bleached oats.**—Bleached oats shall be oats which have been treated by the use of sulphurous acid or other chemicals for the purpose of bleaching.

Sec. 10. **Clipped oats.**—Clipped oats shall be oats of which fifty per centum or more have been clipped.

#### CLASSES OF OATS.

Sec. 11. **Classes of oats.**—Oats shall be divided into classes as follows:

##### CLASS I.

##### White Oats.

This class shall include all white and yellow oats, and may include not more than ten per centum of oats and wild oats of other colors, either singly or in any combination.

##### CLASS II.

##### Red Oats.

This class shall include all red or red rust-proof oats, and may include not more than ten per centum of oats and wild oats of other colors, either singly or in any combination.

##### CLASS III.

##### Mixed Oats.

This class shall include grain coming within the definition of oats, consisting of oats of any color, any mixture of oats of different colors, and any mixture of oats and wild oats of different colors, not provided for in Classes I and II.

Sec. 12. See tabulated and abridged table.

Sec. 13. **Grades for clipped oats.**—Clipped oats shall be graded and designated according to the grade requirements of the standards applicable to such oats if they were not clipped, and there shall be added to, and made a part of, the grade designation the word "clipped."

Sec. 14. **Grades for bleached oats.**—Bleached oats shall be graded and designated according to the grade requirements of the standards applicable to such oats if they were not bleached, and there shall be added to, and made a part of, the grade designation the word "bleached."

# TABULATION OF PROPOSED GRADE REQUIREMENTS FOR OATS—ALL CLASSES.

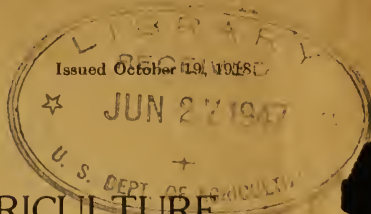
(Section 12 tabulated and abridged.)

Grade	Condition and general appearance.	Moisture content not to exceed	Minimum weight per bushel	May contain not to exceed					Oats and/or wild oats of other colors
				Total damaged	Heat damaged	Foreign material	Cereal grains	Wild oats	
		Per cent.	Pounds	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1	Shall be cool and sweet, and bright or of natural lustre.....	14	32	2	0.1	0.5	1	1	2 <sup>2</sup>
2	Shall be cool and sweet, not stained or discolored.....	14	30	4	0.2	1	2	2	5 <sup>2</sup>
3	Shall be cool and sweet, may be slightly stained or discolored.....	14	28	7	0.5	2	3	3	10
4	Shall be cool and sweet.....	15	26	10	2	3	5	5	10
5	Shall be cool, may be musty or sour.....	16	24	25	5	5	10	10	10
Sample Grade <sup>1</sup>									

<sup>1</sup> Sample Grade—Shall be oats of the class white, red or mixed, respectively which do not come within the requirements of any of the grades from No. 1 to No. 5 inclusive or which have any commercially objectionable foreign odor, or are heating, hot, infested with live weevils or other insects injurious to stored grain, or are otherwise of distinctly low quality.

<sup>2</sup> Ten per centum allowed in red oats.





# U. S. DEPARTMENT OF AGRICULTURE,

BUREAU OF MARKETS,

CHARLES J. BRAND, Chief.

## SERVICE AND REGULATORY ANNOUNCEMENTS.

No. 40.<sup>1</sup>

### IMPORTANT TO GRAIN DEALERS.

The following information is issued by the Bureau of Markets of the United States Department of Agriculture in order to call to the attention of grain dealers certain classes of violations of the United States grain standards Act which have come to the attention of the Department.

### GRAIN SHIPPERS MUST SECURE INSPECTION OF GRAIN SOLD BY FEDERAL GRADES FOR EACH INTERSTATE SHIPMENT FROM OR TO AN INSPECTION POINT.

It has been brought to the attention of this Bureau that some shippers of shelled corn and wheat in interstate commerce fail to secure the inspection which section 4 of the United States grain standards Act requires for each transaction and resulting shipment brought within the provisions of the Act.

In the opinion of this Bureau, the Act contemplates that, except as permitted in the third proviso of section 4 with respect to grain which need not be inspected at all, there must be an inspection by a licensed inspector either at point of shipment, at a convenient point en route, or at destination, for each shipment in interstate commerce of grain for which standards have been established, which has been sold, offered for sale, or consigned for sale by grade. Therefore, even though such grain may have been inspected for the purpose of one shipment, if a second transaction is entered into under which the same grain is sold, offered for sale, or consigned for sale by grade, and again shipped in interstate commerce from or to an inspection point, it is believed that the Act requires another inspection by a licensed

<sup>1</sup> Previous numbers in this series which relate to the United States grain standards Act are Nos. 11 to 15, 17 to 19, 22 to 26, 29, 31 to 39.

Furthermore, the law authorized this Department to investigate thoroughly cases of apparent misgrading of grain by inspectors, and to publish its findings. Section 5 provides:

"\* \* \* the Secretary of Agriculture is authorized to cause examinations to be made of any grain for which standards shall have been fixed and established under this Act, and which has been certified to conform to any grade fixed therefor in such official grain standards, or which has been shipped or delivered for shipment in interstate or foreign commerce. Whenever, after opportunity for hearing is given to the owner or shipper of the grain involved, and to the inspector thereof if the same has been inspected, it is determined by the Secretary that any quantity of grain has been incorrectly certified to conform to a specified grade, or has been sold, offered for sale, or consigned for sale under any name, description, or designation which is false or misleading, he may publish his findings."

It is believed that by taking advantage of the privileges of appeal or by filing complaints as to misgrading with the Federal Grain Supervisors with requests for investigations, shippers will secure much better inspection results in the long run than by taking up the apparent misgradings with the individual inspector. In this connection it may be pointed out that Federal Grain Supervisors are continually working with inspectors, endeavoring to educate them in regard to proper application of the official grain standards of the United States, and that in this work the Supervisors reflect the opinion of a single authority at Washington. In this way uniformity of application of the official grain standards may be secured. It is evident that this result will be retarded if inspectors are influenced in their judgment to any serious extent by shippers whose own judgment may not be altogether free from bias.

It is not the intention to prevent shippers from pointing out to the inspector personally obvious errors of inspection with a view to securing prompt correction. But where there is room for an honest difference of opinion, or where the work of the inspector is unsatisfactory, it is hoped that shippers will take up the matter with the proper grain supervisor in the field. In this way this Department can render the best service in the matter.

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Grain shippers and receivers, warehousemen, merchants, millers and other persons interested are urged to cooperate with the Bureau of Markets in securing compliance with the provisions of the United States grain standards Act. Grain exchanges, boards of trade and grain dealers' associations and societies are asked to bring this information to the attention of their members.

Information relative to the foregoing matters which will assist the Bureau in the administration of the Act is desired from grain dealers.

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